

Meteoritical Society Council Meeting
Invitees
12:00, March 20, 2016
Sterling Ridge, Woodlands Marriott
Houston, TX

Past President

Monica Grady

Council Members Invited

Mike Zolensky (Pres.)

Candace Kohl (Treas.)

Mike Weisberg (Sec.)

A. N. Krot

Jay Melosh

Keiko Nakamura-Messenger

Larry Nittler

Maria Schönbacher

Caroline Smith

Yoshi Yurimoto

Council member regrets

Trevor Ireland (VP)

Francois Robert

Guest Invitations

Denton Ebel (PubCom), Meeting Proposal

Alvaro Crosta (MetSoc 2020 Brazil)

Jeff Grossman (NASA report)

Laurence Garvie (NomCom)

Marina Ivanova (MetSoc 2018, Moscow)

Erin Walton (Membership Com)

Kuni Nishiizumi (2015 MetSoc)

Tasha Dunn

Tim Jull (MaPS)

Fiona Sarne (Wiley)

Karen Ziegler (MetSoc 2017)

Marc Norman (GCA)

Uwe Reimold (2016 Berlin and
Endowment Com)

Andy Davis (JPC)

Debra Buczkowski (Pellas-Ryder)

Guest regrets

Phil Bland (Leonard)

Mark Burchell (Barringer Award)

Cari Corrigan

Susan Taylor (Audit Com)

0	Welcome and introductions	Zolensky	12:00	05
1	Minutes last Council Meeting	Weisberg	12:05	05
2	President's report	Zolensky	12:10	05
3	Secretary's report	Weisberg	12:15	05
4	Finances			
	Treasurer's Report	Kohl	12:20	30
	Audit Report	Connolly/Weisberg	12:50	05
5	Ethics Statement	Zolensky/Grady	12:55	10
6	Awards Status			
	Leonard Medal (+ Nier Prize, Fellows)	Bland/Weisberg	13:05	05
	Barringer Medal Com	Burchell/weisberg	13:10	05
	Pellas-Ryder	Buczowski	13:15	05
7	Meetings reports			
	2019 Hokkaido	Yurimoto	13:20	10
	2015 Berkeley (final accounting)	Nishiizumi	13:30	10
	2016 Berlin	Reimold	13:40	10
	2017 Santa Fe	Ziegler	13:50	10
	2018 Moscow	Ivanova	14:00	10
	Meeting Proposal	Crosta	14:10	05
	Meeting Proposal	Ebel	14:15	05
8	Endowment Committee report	Reimold	14:20	20
	BREAK		14:40	10
9	Nomenclature Committee report (Morocco issue)	Garvie	14:50	30
10	Membership Com and Service Award	Walton	15:20	10
11	Elements	Corrigan/Weisberg	15:30	10
12	McKay Award	Dunn	15:40	05
13	Publications Committee report	Ebel	15:45	20
14	MaPS			
	Editor's report	Jull	16:05	10
	Wiley Report	Sarne	16:15	10
15	GCA			
	Editor's report	Norman	16:25	20
	JPC and ethics statement for Journals	Davis	16:45	30
16	News from NASA	Grossman	17:15	05
17	New business		17:20	05
18	Adjourn		17:25	

0 Welcome and introductions (Mike Zolensky)

Mike Zolensky convened the meeting and welcomed all those attending.

1. Minutes last Council Meeting (Mike Weisberg)

Mike Weisberg presented the minutes of the council meeting held on July 26, 2016 in Berkeley California.

Candace Kohl moved to accept the minutes, Moncia Grady seconded the motion and all present voted in favor.

2. President's report (Mike Zolensky)

Mike Zolensky indicated that the issues will be addressed throughout the meeting.

3. Secretary's report (Mike Weisberg)

3.1 As of Feb. 15 new officers and Council for 2017-2018 are officially elected. Council previously certified this slate of candidates.

President

Trevor Ireland (Australian National University)

Vice President

Meenakshi Wadhwa: (Arizona State University)

Secretary (2nd term)

Michael Weisberg (City University New York, American Museum Natural History)

Treasurer (2nd term)

Candace Kohl (Del Mar, California)

Councilors (1st term)

Catherine Corrigan (Smithsonian Institution, National Museum of Natural History)

Mario Trieloff (Heidelberg University)

Christine Floss (Washington University, St. Louis)

Maria Eugenia Varela (Instituto de Ciencias Astronómicas, de la Tierra y del Espacio) Pierre Rochette (Aix-Marseille University)

Councilors (2nd term)

Francois Robert (Muséum National d'Histoire Naturelle, Paris)

Caroline Smith (Natural History Museum, London)

Keiko Nakamura-Messenger (NASA-JSC)

3.2 Actions adopted by e-mail vote (since the last council meeting on July, 26)

Council approved \$3000 for student travel to the Organizers of the 4th International Highly Siderophile Element (HSE) Geochemistry Workshop

Council approved a request to reimburse Klaus Keil an additional \$320.52 in support of his lecture tour in Brazil.

Council approved Andy Davis as chair of the Joint Publication Committee.

Council voted to approve a \$40K loan to organizers of the 2016 MetSoc meeting in Berlin.

3.3 Other activity

The Newsletter for 2015 was submitted to MaPS and was mailed to the membership with the December issue of MaPS and is available online.

A report was submitted to the International Union of Geological Sciences (IUGS) on Society activities for 2015.

A 50 word summary describing the Society and logo were submitted to IUGS for their website.

Monica Grady moved to accept the Secretary's report, Caroline Smith seconded and all voted in favor.

4. Finances

4.1 Treasurer's Report (Candace Kohl)

Candace Kohl summarized the Society's financial activity, during fiscal year 2016 (FY16), from 1 June 2015 to 31 January 2016. She also summarized the current FY16 budget and the budget for FY17.

4.1.1 Tax Reporting

The year FY15 taxes are filed for both the old and new EINs (Meteoritical Society and The Meteoritical Society). All accounts have now been moved to "The Meteoritical Society" account. PayPal changeover is underway.

4.1.2 Membership

The total membership on 31 January 2016 was 805. This is similar to the membership of 809 at this time last year.

4.1.3 Assets

Operating Fund money is distributed between several accounts as follows:

The main Operating Fund is held in two accounts with Bank of America: a checking account and a related savings account that accrues interest.

Membership dues are collected and managed by the Mineralogical Society of America (MSA): funds collected by MSA are deposited in a Wells Fargo checking account, and then transferred periodically to the Bank of America account.

The Society has a PayPal account.

Taking into account encumbrances and the equity balance, the effective balance of the Operating Fund is \$200,696.76.

4.1.4 Investment Fund

The current (31 January 2016) distribution between the four endowed funds is as follows: 74.88% is in the General Endowment Fund, 6.10 % of the money is in the Nier Fund, 6.21 % is in the Gordon A. McKay Fund, and 2.89% is in the Tim Swindle Travel Fund.

During the period 1 June 2015 to 31 January 2016 \$10,000 from Tim Swindle was added to the TIM fund.

A note about the MetSoc TIM Fund: The intention of the Endowment Committee is that these grants will continue during the period of time that the TIM Fund is building up its full corpus.

The grants are offset by donations from members who are invited to donate to this fund on the membership renewal form. A total of \$1,720 was raised to support travel to MetSoc 2016 as of 31st January 2016.

A total of \$1,875 was donated by members to the McKay Fund, \$1,695 to the Nier Fund and \$8,844, including \$500 in cash and checks to the Endowment Fund.

4.1.5 Wiley account and budget

A significant amount of the society's financial turnover is associated with the cost of publishing MaPS. The Society pays Wiley for member subscriptions, which the Society collects as a part of membership dues. The cost, for which the Society was billed in January 2016, was \$33,705. Final figures for 2015 from Wiley are expected in April 2016.

The Society receives a contribution towards the MaPS editorial office expenses from Wiley. This sum began at \$85,000 in 2010 and increases by 3% each year, so that in 2016 it stands at \$101,518. The Society also receives royalties from Wiley, calculated as 11% of Wiley's revenue (income). The projected amount for 2015 is \$43,545. As per the agreement with Wiley, the Society will receive 75% of this sum in advance, and the balance for 2015 will be settled in April.

The Wiley budget includes \$2,000 that Wiley has given to the Society for the last two years, to support the Wiley awards to students presenting at MetSoc meetings as well as an annual payment of \$500 to the Society as a travel grant, as detailed in the Wiley agreement.

4.1.6 Operating Fund Account Activity, FY16 (period 1 June 2015 – 31 January 2016)

Membership dues collected to 31 January total \$62,365. This compares with \$72,650 at the same time last year.

Wiley pays royalty advances that total 75% of projected royalties, on a quarterly basis.

Abstract fees were collected by the MSA Office.

The Society received several donations towards grants and awards. Funds for the 2015 Barringer Award were received from the Center for Meteorite Studies, ASU. Wiley provided the Society with a grant of \$2,000 to fund student awards at MetSoc 2015 and an additional \$500 toward travel for the meeting. Travel awards for MetSoc 2015 from the International Meteorite Collectors Association (IMCA) and the Planetary Studies Foundation (PSF) were also processed through the Operating Fund as was a donation from the Macovich Collection. The Barringer Student Travel Awards and the Barringer Lecture Honorarium are also listed in this section. All of this revenue was paid out soon after it was deposited.

The Geochemical Society donates shared royalties to the Meteoritical Society.

4.1.7 Expenses

The Wiley membership invoice (\$36,705) was received and paid.

MaPS editorial office. Society support for the editorial office is made in four equal quarterly payments of 34,852. The amount is based on the MaPS budget provided by Editor Tim Jull.

Elements magazine. Payment for member subscriptions to Elements (\$17,490.) is made on a calendar year basis. Payment is made in two estimated installments, plus one payment for the balance at the end of the calendar year.

The budget for the Casablanca meeting, MetSoc 2014 overran by \$1,000.

Awards. The Barringer Crater Company donated \$18,000 for student travel awards to MetSoc 2015. Total funds received for awards was \$27,500.

MSA membership services fees for handling subscriptions and the membership database. MSA charges a monthly maintenance fee of \$300. The 2015 invoices include membership processing (\$5 per member), as well as charges for sending paper renewal forms, postage, and internet services. Total was \$3780.44.

Fees for credit card payments of membership dues (total = \$3275.08) are debited directly from the Wells Fargo account. Also included are international wire transfer fees.

Website fees. The website is administered by Techneco, Japan. The Society pays a monthly fee of JPY6,000 plus tax (approximately \$70 per month).

4.1.8 FY16 Operating Fund Budget

The budget has not changed since the last meeting (in July).

The total revenue for membership dues is estimated at \$80,000. This assumes that the Society maintain membership at around 1000 members.

The Geochemical Society has donated \$14,617.53 this year. The contract with Elsevier started on January 1, 2016 and royalty sharing payments from Elsevier are expected. Elsevier is also giving a grant for student travel as described in the Endowment report, £3,000.

The budget shows a loss of about \$7000. One reason for this is the large amount of funds donated to activities this year. This money will be taken out of the Endowment Fund later this year.

4.1.9 FY17 Operating Fund Budget

The FY17 Operating Fund budget is similar to that for FY16. Estimated revenue from membership dues is \$80,000. Income from Wiley (\$135,520) is reasonably close to the cost of running the MaPS office (\$131,330). Overall, this budget shows a profit of about \$10,000.

Maria Schönbacher asked if investments are going up.

Candace replied that investments are very conservative, which is currently being discussed by the Endowment Committee. The Endowment currently has a negative return because it is from the end of Jan. and the stock market has been down.

Monica Grady asked about budgeting for a \$5K loan for the Annual meeting and would it be more realistic to budget for \$30K or 15 to \$20K.

Jay Melosh asked about a line item for repayment of loans to meeting organizers.

Candace Kohl replied that she will add a line on loan for Berlin and repayment of the loan.

Moncia Grady motioned to vote on the planned budget for FY 17 as modified. Mike Weisberg seconded the motion and all voted in favor of accepting the budget.

4.2 Audit Committee Report for fiscal year 2015 (FY15) (Connolly/Weisberg)

Mike Weisberg read the report for Harold Connolly.

The report reviewed the charge by Council (established March 2007).

Members of the Audit Committee: Harold Connolly (Chair) Susan Taylor Beda Hoffman
(*SusanTaylor is now chair.*)

Comment: The committee does not include anyone trained in financial accounting standards, or a certified public accountant. Its report, therefore, cannot substitute for a professional external audit. The committee did not review Federal and State tax returns. The committee did not review accounts in the Endowment.

Findings: During FY15 the Committee received the following documents from Candace Kohl:

- Treasurer's report from July 2015
- A multipage spreadsheet covering FY15 activity in all accounts
- Scanned PDFs of monthly portfolio reports from Merrill Lynch, checking and savings account statements from Bank of America checking account, Bank of America savings account, Wells Fargo, a PayPal account, and the Endowment account for FY15. With the provided materials, the Audit Committee was able to verify the following reported bank account balances given in Table 2 of the Treasurer's report. Summary of the Meteoritical Society Assets:
- Starting and ending balance the Bank of America checking account for FY15
- Starting and ending balance for a Bank of America savings account for FY15. Funds are easily transferred between the two Bank of America funds.
- Starting and ending balance for Wells Fargo account for FY15.
- Starting and ending balance of the Endowment account (Merrill Lynch Investment fund) FY15.
- Starting and ending balance of the PayPal account for FY15. Gifts and contributions to the Endowment accounts that passed through the Operating Account, transfers between the Endowment and Operating Accounts, and payments by the Operating Account for Endowment expenses were reviewed and found to be in order. The Audit Committee finds agreement between the FY15 Treasurer's Report and the Meteoritical Society's financial records for FY15.

Recommendations: The Audit Committee recommends approving the report of the Treasurer for FY15. The materials provided to the Audit Committee this year allowed a thorough review of the Treasurer's Report. Additionally, the overall format of the Treasurer's Report enabled a clear audit. Given the data reviewed, the Society appears to be on a sound financial footing.

Council discussed the Audit Committee report. Mike Weisberg asked about the necessity of a professional audit.

Monica Grady replied that there is no demand from the membership for a professional audit.

Candace Kohl said that she would inquire into the cost of a professional audit.

Monica Grady motioned to accept the Audit Committee report, Keiko Nakamura-Messenger seconded and all voted in favor of accepting the report.

5. Ethics Statement. Monica Grady reviewed the history of the Ethics statements and Council held a discussion on an Ethics Statements for The Society.

Monica discussed examples of sexual harassment at meetings. She suggested that instead of calling it *Ethical Guidelines* – it should be called a *Position Statement*.

Keiko Nakamura added that we need a clear path for victims of harassment to follow.

Monica Grady replied that anyone with a complaint should be able to come to the President or any member of Council.

Larry Nittler agreed and added that unacceptable behavior is not just sexual harassment but also scientific bullying.

Candace Kohl added that we need to have a policy but it is personal as to what is abusive.

Monica Grady added that the Society needs to have a procedure for investigation and review. Also, she suggested putting it into the membership application.

Mike Zolensky said we should include a statement of how to report on harassment.

Larry Nittler suggested that we have a committee to address such issues.

Larry Nittler and Keiko Nakamura will help Monica Grady revise the position statement.

6. Awards Status

6.1 Leonard Medal Committee Report to Council (Bland/Weisberg)

Mike Weisberg read the Leonard medal Committee report in the absence of Phil Bland

The Leonard Medal Committee this year consists of the following members:

NAME	LAST YEAR
Richard Binzel	2019
Phil Bland (Chair)	2018
Christine Floss (past Chair)	2017
Roger Hewins	2020
Sara Russell	2018

The Committee has four candidates for the Leonard Medal, one of which is new this year. The committee has six candidates for the Nier Prize, two of which are new this year. 2016 also includes nominations for Fellows and there are 47 candidates this year. The Committee is progressing well on recommendations for both awards, and Fellow nominations.

6.2 Barringer Medal Committee (Burchell/ Weisberg)

Mike Weisberg read the Barringer Medal Committee report in the absence of Mark Burchell

1) Membership

M.J. Burchell (Univ. of Kent) replaced Professor Alvaro Crosta (University of Campinas, Brazil) as Chair. The committee thanks Alvaro for his work on the panel and for his year as Chair. Professor Alexander Deutsch (University Munster, Germany) and Professor John Spray (University of New Brunswick, Canada) both continue as committee members.

The Committee exchanged emails during the start of 2016 to recommend a new member. Names were sent to the MetSoc President and the Secretary, and Dr. Akiko Nakamura (Kobe University, Japan) was appointed to the committee.

- 2) In 2015, the committee (under Prof. Crosta) recommended Keith Holsapple for the prize and he is to receive this in the MetSoc meeting in Berlin in summer 2016.
- 3) Search for nominees for the Barringer Prize to be awarded in summer 2017 is underway.

6.3 Pellas-Ryder (Debra Buczkowski)

Debra Buczkowski reported that the Pellas-Ryder committee is having a tough time coming up with a definitive winner this year. She indicated dead split tie between papers. All judges are split. She asked if a tie is possible or if they can recruit another judge

Council briefly discussed supporting two winners for this year's Pellas-Ryder Award with a full award for each winner. Jay Melosh motioned to vote, Monica Grady seconded the motion and the all votes were in favor of two full awards for this year's Pellas-Ryder Award.

7. Annual Meetings

7.1 Kuni Nishizumi reviewed the final accounting for the 78th Meteoritical Society Meeting. Kuni reviewed support for student travel and indicated that travel support totaled \$62,887. Some travel support was saved for the next Meteoritical Society meeting.

Kuni reviewed the newsletter, the program, registration fees, workshops and the banquet. He did not present a final report because it did not come from the University yet, but he projects a \$27K balance.

Mike Zolensky informed Council that multi-year student NASA awards are being discussed with Jeff Grossman.

Council discussed uses for the surplus including, giving money back to registrants and lowering this year's registration fee for the annual meeting.

7.2 Update report on the 2019 meeting (Sapporo) - Yoshi Yurimoto reported:

- Date of the meeting: July 21 (Sun) - 26 (Fri), 5 days with poster sessions on Tuesday and Thursday.
- Venue of the meeting: Conference Hall, Hokkaido University.
- Organizers: Hokkaido University (HU), NIPR, JAXA,
- LOC: Hisayoshi Yurimoto (HU/JAXA), Shogo Tachibana (HU), Akira Yamaguchi (NIPR); other members will be fixed in the next year.
- Scientific Committee (TBD)
- Social Events:
 - Welcome Reception: July 21 (Sun)
 - Wednesday afternoon excursions: Hokkaido Jingu Shrine and Okurayama Ski Jump Stadium, Volcano and Lake in Shikotsu area, Old city (Otaru) and Whiskey Distillery (Yoichi), Sapporo Art Park, Baseball game watching, etc. (TBD)
 - Wednesday night – Banquet: Hotel in Sapporo
- Workshops (TBD): One or two workshops on July 21 (Sun)
- Pre- and Post- excursions (TBD): Toya Caldera and Usu Volcano Geopark, Mt. Apoi Geopark and Horoman Ophiolite
- Accommodations: Hotel booking website will be prepared by a travel agency.

7.3 Status Report on MetSoc 2016 (Berlin) – Uwe Reimold

Uwe Reimold presented the current state of preparations for the meeting:

First Announcement/Indication of Interest Form live on 11 Jan 2016

2nd Announcement / Call for Abstracts to go live 7 April 2016

Abstract deadline 24 May 2016

Program finalized 8 June 2016

Early Bird Registration to ends 30 June 2016

- The LOC is being chaired by W.U. Reimold, Kai Wünnemann, and Harry Becker.
- The Scientific Committee will be chaired by Kai Wünnemann and Michael Poelchau.
- The Travel Award Committee will be convened by Philippe Claeys.
- The venue, Henry-Ford-Bau, has been confirmed and adequate rooms have been reserved.
- Registration and Welcome Party will take place on 7 August 2016 at the Thaersaal next to MfN and in MfN. It is hoped that the special ROSETTA exhibition at MfN, jointly arranged by DLR and MfN, will be accessible to participants at that time.
- Wednesday AM is reserved for the Award Ceremony, followed by 2 optional tours (Berlin – City of Contrasts; Historical Potsdam) and the Banquet in the evening.
- Conference Banquet in the Wasserwerk: Test-lunch successful.
- Five excursions will be offered (Norway, Ries Crater, Morasko crater field, History and Geology of Saxonia, World heritage Sites in the Harz Mountains) and have been advertised on the conference website.
- Two pre-conference workshops will take place, convened by A. Cavosie/N. Timms: *Shock metamorphism of accessory minerals*, and by O. Tschauer/T. Sharp/D. Stöffler: *High-pressure phases*
- To date, two special symposia have been suggested by, inter alia, Peter Hoppe: *Presolar grains – a session in honor of Ernst Zinner*; and by M. Fischer-Gödde et al.: *Planetary accretion: Advances in meteoritic and lunar studies*.
- A balanced budget has been established, as follows. (Workshop costs are not included).

Registration fees:

MetSoc Members	€ 450 (30 June to 31 July: € 525; after 31 July: € 575)
Non-Members	€ 500 (575; 625)
MetSoc Student Members	€ 275 (350; 400)
Student Non-Members	€ 325 (400; 450)
Accompanying Persons	€ 300 (375; 425)

Note: Conference fees comprise conference participation, conference materials, attendance of functions.

Income:

Registration fees:	€ 215,000
(calculated for a 500 conference participation, i.e., 300 members, 50 non-members, 50 student members, 50 non-student members, 50 spouses)	
DFG grant:	€ 20,000
Museum für Naturkunde (Welcome Function)	€ 20,000
Sponsorship and proceeds from exhibition	€ 12,000 (working on it)
Total:	<u>€ 267,000</u>

Expenditure:

Congress organization	€ 22,500
Venue	€ 29,851 (to be reduced)
Technical equipment	€ 18,378
Personnel	€ 30,387
Social Program and Catering (no lunches bar Wed tours)	€ 132,145

Other costs (Conf. Bags, insurance, etc)	€ 18,474
Web-based activities	€ 15,000
Total (rounded up)	<u>€ 267.000</u>

After Council discussion, Monica Grady motioned to vote on accepting the registration fees, Caroline Smith seconded the motion and all present voted in favor.

Sponsorship by AMETEK is confirmed (€ 1,500) and sponsorship from JEOL, Thermo-Fischer, Bruker, Cameca, Springer, NN is being negotiated.

Freie Universität Berlin provides the venue at strongly reduced cost. The DFG SFB (large research unit) Late accretion in the Solar System will contribute to the financing of the two workshops. MfN Berlin sponsors the Welcome Function.

Travel grants:

Barringer Family Fund	
Springer	\$ 3000
TIM Fund	\$ 4000
NASA	Not yet confirmed

Keiko Nakamura asked about day care for young children. Reimold answered that information will be provided in the second announcement.

7.4 Meteoritical Society Meeting 2017 (Santa Fe, NM July 23rd to July 28, 2017) - Karen Ziegler. Karen Ziegler reported that she is meeting with Linda Tanner. She discussed sponsorship for the meeting. She reported that she is waiting for UNM for a website offer. Need to contact sponsors. Still need to establish scientific committees (Carl Allen will be chair of the science committee.)

The LOC has signed contracts for:

- the Convention Center in Santa Fe (location of sessions and ceremonies Mon-Fri, and Friday evening farewell)
- the La Fonda Hotel as our host hotel (location of Sunday 23rd workshops, meetings, registration, Welcome Reception, Gala Dinner on Wednesday 26th, and the contracted caterer for the Convention Center)' Pre-conference workshops and registration on Saturday and reception and farewell party will also be at the La Fonda (host) hotel.
- the following hotels for room blocks: Fort Marcy Hotel Suites Inn and Spa at Loretto Courtyard Marriott Inn of the Governors Drury Plaza Hotel and The Lodge at Santa Fe.
- Talks with a UNM IT team about hosting a website are in progress.
- David Kring agreed to lead a Meteorite Crater field trip and possibly a K/T boundary field trip. Newsom will lead a trip to Cavosie and Fisher to Valles Caldera.

Council discussed the possibility of inviting Fred Leonard to give a presentation on Leonard.

7.5 Meteoritical Society Meeting, Moscow, 2018 (Marina Ivanova)

- Proposed date of the meeting is July 29 – August 3. This time is preferable for the Russian Academy of Sciences and Moscow State University schedule.

- The structure of the MetSoc Conference site, <http://meteormeeting.hol.es> is in progress
- Organizers: 1) Russian Academy of Science (Vernadsky Institute), co-chair Dr. M.I. Ivanova; 2) Moscow State University (MSU), co-chair Dr. N. S. Bezaeva, 3) Ural Federal University (UrFU), co-chair, Dr. V. I. Grokhovsky. (UrFU recently organized the first Russian Antarctic meteorite expedition.)
- The schedule is 5 days, with poster sessions on Tuesday and Thursday night.

Possible Wednesday excursions: the boat trip along Moscow-river, Tretyakov Gallery, or Red Square and the Kremlin Museums, monasteries and ancient churches .

Wednesday night – Banquet (Restaurant at University, or the RAS building, or the closest Hotel restaurant).

Field trips: St. Petersburg, or The Golden Ring Ancient Cities after the Conference.
Possibility of the Geological trip to Chelyabinsk is being discussed.

- Accommodations, transport (during the conference), catering, excursions, visa, AV loan, poster boards and etc. are being explored.

The LOC is working with the “Reisebuero WELT” company, which organized multiple previous international meetings in Moscow and has a good experience in organization of exactly scientific conferences. This company will help to coordinate different steps in organization of the event (transport during the conference, catering, excursions, visa, AV loan, poster boards, others and trips after the Conference).

VISA – Vernadsky Institute will provide official letter of invitation for participants of the Conference, but technically it is easier to use tourist companies to get a tourist visa. The Reisebuero WELT company provides visa support. It is recommend to start the visa process 2 months before the event although the process takes 2 weeks. The company website is: <http://www.reisebuero-welt.com>. If participants book Hotels through this company the company will give the tourist voucher for free.

- Transportation.
Moscow has 3 International Airports – Vnukovo, Domodedovo and Sheremetyevo. All airports now have express-trains to downtown (to metro stations). Cost – 510 rub ~\$8. Taxi costs 1500 rub = \$25 Metro costs 50 rub. = \$0.7. Ground transportation in Moscow is working very well (cost ~ \$0.7). The LOC is planning to provide all participants with tickets for transportation inside Moscow (it will depend on the budget).
- Reservations of the Conference Halls
Based on an inquiry from the Scientific Council of the Vernadsky Institute, the Russian Academy of Sciences (RAS) has included the Meteoritical Society Meeting conference in the main schedule of scientific events in 2018. The LOC has made reservations of the Conference Halls in the modern building of Presidium of the Academy of Sciences.
- Accommodations.

1) Hotels of different categories are located around the building of Presidium of RAS (the closest hotel is the Corston Hotel (4 star), 10 minutes walking from the RAS building. Sputnik Hotel (3 star), 7 minutes walking from the RAS building.

2) Dormitories of MSU, 2.5 km from the RAS building

- The LOC will include a list of honorary academicians, directors of Institutes and a list of the LOC executive members.

Preliminary Local Organizing Committee

1. Dr. M. A. Ivanova, Vernadsky Institute, Co-Chair, (Russia).
 2. Dr. N. S. Bezaeva, Moscow State University, Co-Chair, (Russia).
 3. Dr. V.I. Grokhovsky, Ural Federal University, Co-Chair (Russia).
 4. Dr. K. Ziegler (Institute of Meteoritics, University of New Mexico, Albuquerque, USA), Chair of the MetSoc meeting - 2017.
- Dr. H. Yurimoto, Chair of the MetSoc meeting - 2019.
5. K. Badekha, Vernadsky Institute, (Russia)
 6. Dr. A. T. Basilevsky, Vernadsky Institute (Russia).
 7. Dr. A. I. Buikin, Vernadsky Institute (Russia).
 8. Dr. M. V. Gerasimov, Institute of Cosmic Research (Russia).
 9. Dr. E. N. Guseva, Vernadsky Institute (Russia).
 10. Dr. A.V. Ivanov, Vernadsky Institute (Russia).
 11. Dr. E.V. Korochantseva, Vernadsky Institute (Russia).
 12. Dr. A.V. Korochantsev, Vernadsky Institute (Russia).
 13. Dr. O. P. Popova, Institute of Dynamic for Geospheres (Russia).
 14. Dr. E. V. Petrova, Ural Federal University (Russia).
 15. S.V. Petukhov, Museum of the History of the Universe (Russia).
 16. K. P. Ryazantsev, Vernadsky Institute (Russia).
 17. Dr. V. V. Shuvalov, Institute of Dynamic for Geospheres (Russia).
 18. A.Ya. Skripnik, Vernadsky Institute (Russia).
 19. S. N. Teplyakova, Vernadsky Institute (Russia).

Preliminary Program Committee

1. Dr. E. M. Galimov (Vernadsky Institute, Russia)
2. Dr. M. Ya. Marov (Vernadsky Institute, Russia)
3. Dr. M.A. Nazarov (Vernadsky Institute, Russia)
4. Dr. A. T. Bazilevsky (Vernadsky Institute, Russia)
5. Dr. M. A. Ivanova (Vernadsky Institute, Russia)
6. Dr. S. I. Demidova (Vernadsky Institute, Russia)
7. Dr. N. S. Bezaeva (Moscow State University, Russia)
8. Dr. A. N. Krot (University of Hawaii, USA)
9. Dr. M. Petaev (Department of Earth & Planetary Sciences, Harvard University, USA)
10. Dr. N. A. Artemieva (Planetary Science Institute, USA; Institute of Dynamic for Geospheres, Russia)
11. Dr. A. B. Verchovsky (Open University, UK)
12. Dr. I. A. Franchi (Open University, UK)
13. Dr. M. M. Grady (Open University, UK)
14. Dr. M. Trieloff (Heidelberg University, Germany)
15. Dr. O. Pravdivsteva (Washington University in St. Louis, USA).
16. Dr. R. Mendybaev (University of Chicago, USA)
17. Dr. T. Mikouchi (University of Tokyo, Japan)
18. Dr. P. Rochette (CEREGE CNRS/Aix-Marseille University, Aix-en-Provence, France)
19. Dr. J. Gattacce (CEREGE CNRS/Aix-Marseille University, Aix-en-Provence, France)
20. Dr. B. Zanda (Museum National d'Histoire Naturelle)
21. Dr. G. J. MacPherson (Smithsonian Institute, USA)
22. Dr. M. Zolensky (NASA Johnson Space Center, USA).
23. Dr. H. Palme (Senckenberg Museum, Germany) is planned to invite
24. Dr. T. McCoy (Smithsonian Institute, USA)
25. Dr. M. Humayun (Florida State University, USA)
26. Dr. M. Bizzarro (University of Copenhagen, Denmark)

Possible Sponsors in Russia

1. Russian Academy of Science.
2. Russian Scientific Fund.
3. Russian Foundation for Basic Research.
4. Ural Federal University.
5. Moscow Geographical Society.
6. Ministry of Emergency Situations.
7. Federal Cosmic Agency, Central Scientific Research Institute of Mechanical Engineering (TsNIIMASH)
8. Private Museum of the History of the Universe (Dedovsk)

Traditional Sponsors

1. NASA Cosmochemistry Program
2. The Barringer Crater Company
3. Lunar and Planetary Institute/USRA
4. The Meteoritical Society
5. Cameca
6. International Meteorite Collectors Association IMCA
7. The Planetary Studies Foundation PSF.

- Registration fee

The exchange rates, January 22, 2016: \$1 = 78 Rub. Based on the current exchange rates, the projected registration fee varies from \$ 400 to \$ 350 per person.

Council discussed Marina's report. Recommendations were made in discussion for additional committee members.

Candace Kohl reminded Marina about a loan from The Society and that Council would need to vote on it.

7.6 Brazil proposal for the 2020 Annual Meeting (Alvaro Crosta)

Alvaro presented a proposal for 2020 in Brazil:

The State University of Campinas (Unicamp) and the University of Brasilia (UnB) invite the Meteoritical Society to hold their 2020 Annual Meeting in Foz do Iguassu, Brazil.

Alvaro explained that there is a growing interest in meteoritics and planetary research in Brazil. Uwe Reimold and Klaus Keil have been visiting and collaborating with Brazilians. MetSoc only had one past conference in South America (67th Annual Meeting) and it is an opportunity to engage young scientist and students in meteoritics. He discussed location and that temperatures are warm (winter). The venue would be under 2 hours from Rio de Janeiro. He discussed hotels, which have convention centers. All have facilities for a conference. Field trips to impact craters would include Vista Alegre Vargeao, Campo del Cielo, others. Sponsorship would include Universities U Beasilia, Stae University Campinas, Brazillian Geological Society, Brazillian Geophysical society, etc.

The proposed location for the 2020 Meeting, Foz do Iguassu, is the site of the world-renowned Iguassu Falls. The city has 256,000 inhabitants and is located at the border with Argentina and Paraguay. Because of this, the place has a mixture of cultures. Tourism is the main economic activity and it is the 3rd Brazilian destination in number of international events, according to the International Congress and Convention Association – ICCA¹. (¹ICCA is an association based in Amsterdam that has the most complete data bank of international meetings in the world.)

The airport has an average of 33 daily flights, with annual capacity of 3.9 million passengers. Moreover, the proximity to airports in Argentina and Paraguay facilitates the access from these

countries as well. Travellers coming from North America, Europe and Asia can travel to São Paulo or Rio de Janeiro, and then take a 2 hour non-stop flight to Foz do Iguassu.

Foz do Iguassu features important tourist attractions; the most outstanding being the Iguassu National Park and the Falls, considered one of the Seven Natural Wonders of the World. Other places of interest are Itaipu Dam; the Bird Park; visits to the neighboring cities of Ciudad del Este (Paraguay) and Puerto Iguazu (Argentina), among others.

The geographic location of Foz do Iguassu, at the triple border among Brazil, Argentina and Paraguay, will facilitate the participation of scientists and students from other South American countries, being relatively close also to Uruguay and Chile. Colleagues from some of these countries have been preliminarily contacted to be part of the Local Organizing Committee, in case this invitation is accepted by the Council of the Meteoritical Society, and have indicated their acceptance.

Sasha Krot asked about VISA's and Alvaro said it depends on the country you are coming from.

Local Organizing Committee would include: Alvaro P. Crósta, University of Campinas, Brazil (co-chair) Natalia Hauser, University of Brasilia, Brazil (co-chair) Rosa Bernstein Scorzelli, Brazilian Center for Research in Physics, Brazil Ricardo Trindade, University of São Paulo, Brazil Cristiano de Carvalho Lana, Federal University of Ouro Preto, Brazil Maria Elizabeth Zucolotto, National Museum, Brazil Marcos Alberto R. Vasconcelos, Federal University of Bahia, Brazil Elder Yokoyama, University of Brasília, Brazil Douglas Galante, National Laboratory of Synchrotron Light, Brazil Edivaldo dos Santos, Universidade Federal dos Vales do Jequetinhonha e Mucuri, Brazil Maria Eugenia Varela, University of San Juan, Argentina Millarca Valenzuela, Catholic University, Chile.

The Society's President and Secretary will also be invited to join the LOC, as well as the chair of the 2019 Annual Meeting. W. Uwe Reimold (Natural History Museum, Berlin, Germany) and Christian Koeberl (Univ. Vienna and Natural History Museum, Vienna, Austria) will be LOC members who previously hosted MetSoc meetings, and Klaus Keil, who chaired the Scientific Program Committee in 2004.

Scientific Committee: Members of the LOC and international planetological, meteoritical, and impact cratering community will be invited for the Scientific Committee.

Timing: The proposal is to hold MetSoc 2020 in the first week of August.

Venue and Hotel Accommodation: The city has plenty of hotels with meeting and exhibition facilities, with good supporting services for catering, receptions, etc. For MetSoc 2020, possible venues are Bourbon Convention & Spa Resort, Mabu Thermas & Resort and Rafain Palace.

Excursions and workshops: The LOC is considering a number of options for excursions, both pre and post-meeting. (E.g., 3 to 4-day field trip to Araguinha Dome, the largest impact structure in South America, and a 2-day one to the Vista Alegre and Vargeão impact structures, some of the unique impact craters formed in continental flood basalt on Earth, and located relatively close to Foz do Iguassu. In Argentina, a trip to visit the famous Campo del Cielo meteorite strewn field is being considered. In addition, a workshop combined with an excursion is being proposed by Millarca Valenzuela, on Desert Meteorites. This pre-conference workshop would be combined with a visit to Monturaqui crater, on a 2-day trip that would allow participants to hunt for

meteorites in the desert around Calama.

Spouse's program: Foz do Iguassu offers many choices of daily programs for participants and spouses, such as visits to the Brazilian and Argentinian sides of the Iguassu Falls (both are located in National Parks with preserved Atlantic Rainforest).

Opening Reception and Banquet

All the conference venues mentioned offer excellent catering services for receptions and banquets.

Conference Organization: The conference organization will be supported by a specialized company, MCI Brazil, that has already been involved in the preparation of this proposal.

Sponsorship: The principal sponsors for the meeting will be the State University of Campinas and the University of Brasilia. The main professional Brazilian geoscience associations, such as the Brazilian Geological Society, the Brazilian Geophysical Society, and the Brazilian Society of Geochemistry, have already expressed their support for MetSoc 2020 at Foz do Iguassu. The LOC will actively look for commercial sponsors and also contact the Brazilian scientific funding agencies (FAPESP, CAPES, CNPq, and FAPDF) for financial support.

7.7 University Western Ontario 2020 proposal (Denton Ebel presented for Audrey Bouvier)

Denton Ebel discussed that there are a large number people at Western Ontario in Meteoritics and impacts. July or August 2020 will be the timing. The London Convention Center would be the venue because it is preferred to have the event downtown. Downtown is very active. Denton described the space at the convention center. Toronto airport is 2 hours away.

The venue is close to Niagra Falls, wineries, accessible to Sudbury for impact trip.

8. From the Endowment Committee - March 2016 report to MetSoc Council (Uwe Reimold)

Uwe Reimold asked Council for \$6K to support student support for the Berlin Meeting. Council discussed the request and Larry Nittler made a motion to vote, Monica Grady seconded the motion and all voted in favor.

Endowment Committee members for 2015/2016 have been Drew Barringer (Co-Chair), Gary Huss, Wolf Uwe Reimold (Co-Chair), Alan Treiman, and Paul Warren. They were supported by ex officio members Candace Kohl (Treasurer), and Mike Zolensky (President).

The Annual Meeting in Berkeley was supported with \$ 4000 for travel grants from the TIM Fund. The EC is grateful that a considerable part of this investment was offset by donations from members. The amount was used to support participating members from low-income countries. The Third Annual Donor Function at Berkeley - to honor significant supporters of the Society and to promote the goals of the Endowment Fund was arranged with Endowment Fund support. The organization of this successful, well attended event was spearheaded by Candace Kohl and Paul Warren.

A new project funded from the Endowment is the opportunity for organizers of the Annual Meeting to invite a prominent speaker from a sister discipline to meteoritics and impact cratering for an invitational lecture.

Student travel grants to attend a Gordon Origins Conference were made available.

And MetSoc, through the Endowment Fund, supported a Meteoritics Short Course in Santiago, Chile with an amount of \$ 5,300, because

This expenditure provides a follow-up on the educational tour through Brasil of Klaus Keil. Klaus Keil toured through Brazil in September for a nation-wide lecture tour on planetary topics (16 presentations at 11 universities and research institutions, lecturing to estimated 1,750 people). All his presentations were attended by large, mostly university student and staff, audiences, with in some places, members of the general public. The EC fund covered travel expenses of \$8320.52. The EC would like to congratulate Klaus to his enormous travel and lecture preparation effort, and the great success of his venture.

Student participants in the October Paneth Colloquium in Nördlingen (Ries Crater) obtained the opportunity to apply for student travel support from a grant in the amount of \$ 3000.

The organizers of a Highly Siderophile Element Symposium to be held at Durham University have received a grant of \$ 3000 for student travel support.

Elsevier has made a grant for student travel - to the amount of £3,000 (~\$4,600) - available to The Metsoc, and the committee members debated whether this amount should go towards student travel to LPSC or to Annual Meetings of our Society. It was resolved by the committee in unanimous fashion that student travel awards to MetSoc meetings were preferable.

Proposal for China – Council discussed proposal for \$6k to support student travel to a Meteoritics Conference/Workshop/Exhibit in China to help increase their growing interest in meteorites. The proposal was submitted by Nicholas Gessler. Candace Kohl motioned to vote, Moncia Grady seconded the motion and all voted in favor of supporting the proposal.

Uwe reported that students in Brazil created a Planetary Society after Klaus Keil's lecture series. He suggested a follow up with more lectures in South America, such as Arentina and Chile. Uwe is going to propose to the EC to have more lectures and device a plan. He will come back to Council with proposals.

The Donor Reception at the Berlin Meeting: Candace Kohl discussed the cost for last year's party. UWE said for 3000- 4000 euros 400 people can be fed. After discussion Council agreed not to hold a donor party this year at Berlin.

9. Nomenclature Committee Report to the Meteoritical Society Council (Mike Zolensky)

Mike Zolensky gave an overview of Nomenclature Committee activities since July 2015.

New NomCom Chair: After taking on the new post as President of COMPRES in November 2015, Carl Agee chose to step down as Chair, effective on March 1, 2016. Carl served as NomCom chair for 14 months. Laurence Garvie will now serve as the NomCom Chair until 2018.

New MetBull Editor: Audrey Bouvier served as Interim Editor for 12 months, and the Council appointed her as Editor in 2015. She agreed to serve in this capacity until 2018.

NomCom Members Rotating Off: Chris Herd, Linda Welzenbach, and Alex Ruzika rotated off the NomCom on December 31, 2015. Chris served from 2008-2015 (Chair 2010-2014), Linda served from 2010-2015, and Alex also served from 2010-2015. We thank Chris, Linda, and Alex for their time, energy, and expertise as NomCom members.

New NomCom Members: NomCom welcomes new members Hasnaa Chennaoui (appointed in mid 2015) and Francis McCubbin (appointed on January 1, 2016).

NomCom Membership: Laurence Garvie (Chair), Emma Bullock, Hasnaa Chennaoui, Vinciane Debaille, Tasha Dunn, Jérôme Gattacceca, Knut Metzler, Takashi Mikouchi, and Francis McCubbin. We have 3 ex-officio NomCom members: MetBull Editor: Audrey Bouvier; Database Editor: Jeff Grossman. MetSoc Vice President: Trevor Ireland.

In discussion, Jeff Grossman added that Meteorite Bulliten 105 is in preparation. He also asked about usage of the MetBull. Jeff suggested dumping the data into the pdfs for backup.

Jay Melosh – suggested asking the membership about usage. Mike Zolensky suggested asking via e-mail.

The issue on naming of Moroccan Meteorite is tabled until Council meeting in Berlin.

10. Report from the Membership Committee to Council March 20th, 2016 - Erin Walton

Erin Walton (Chair), Katie Dyl, Shoichi Itoh, Ludovic Ferrière, Tomas Kohout, Rhiannon Mayne.

Membership: Assuming typical patterns of renewal (Table 3) the Society is on track to exceed 1000 members this year, a number first reached in 2011 and which has been maintained by the Society with paid membership numbers (all types) showing overall growth from 936 (2008), 940 (2009), 1019 (2011), 1026 (2012), 1063 (2014) and 1053 (2015). The two tables below show current membership numbers, as of March 1st 2016, broken down into different membership types for those members paid through until December 31st, 2016 (Table 1) and December 31st, 2015 (Table 2). So far this year the Society acquired nine new members (2 students and 7 regular members).

Table 1. MetSoc membership paid through until December 31st, 2016 as of March 1st, 2016.

Member Type	MaPS paper & online	MaPS online only	Total
Members	264	269	533
Students	28	37	65
Retired members	72	43	115
Life Members	22	6	28
Developing Country	7	0	7
Complimentary	2	1	3
Totals	395	356	751

Table 2. Metsoc membership paid through until December 31st, 2015 as of March 1st, 2016.

Member Type	MaPS paper & online	MaPS online only	Total
Members	325	296	621
Students	36	42	78
Retired members	96	48	144
Life Members	21	5	26
Developing Country	6	1	7
Complimentary	1	1	2
Totals	485	393	878

Table 3. MetSoc membership projected for 2016 assuming all 2015 members renew

Member Type	MaPS paper & online	MaPS online only	Total
Members	343	393	736
Students	47	67	114
Retired members	103	60	163
Life Members	22	6	28
Developing Country	8	1	9
Complimentary	2	1	3
Totals	525	528	1053

Renewals: One more electronic reminder will be sent out in two weeks reminding members who have not yet renewed of the \$15 (USD) late fee deadline of March 31st, 2016. This year the number of lapsed members (293) is slightly higher than in the past. For comparison the number of lapsed members was 189 this time last year. After March 31st the names and contact information of all 2015 un-renewed members will be forwarded to the committee and we will send out personal emails encouraging them to renew their membership status. This is a successful strategy based on past experience.

Service Award: The deadline for new nominations for this years' Service Award was January 30th, 2016. Unfortunately the Committee did not receive any new candidates to consider. The committee will therefore have only three application packages for the Service Award – two received in 2014 and one from 2013. Application packages were e-mailed to all committee members as well as a statement about the terms and conditions of the award. The Committee plans to have a round robin discussion of the strengths and merits of each candidate following to LPSC. The committee will have a recommendation for Council in advance of the meeting in Berlin this summer with the goal of voting before the end of April.

Other Initiatives: Other initiatives for the Committee include: (1) a discussion of worthy candidates with the goal of soliciting additional nominations for next years' Service Award and (2) promotional efforts which may include committee members distributing Meteoritical Society pamphlets to appropriate conferences / workshops, creation of a *picture of the month* to be displayed on the home page of the Meteoritical Society, as well as developing a sustained online presence. While much discussion amongst committee members has occurred we have yet come up with a person who might manage the picture of the month concept. The committee will meet over lunch at LPSC to discuss these topics further.

Candace Kohl mentioned that there are boxes of membership pamphlets. There was discussion about updating of the website with new images.

12. McKay and Wiley Awards Committee Report (Tasha Dunn)

Tasha Dunn reported that the Committee is on track. She will run the awards in Berlin and will be run in Berlin as done at the Berkeley meeting.

- This past summer, 38 students submitted materials to be considered for the McKay award and the Wiley awards. Seven of these students requested and received poster presentations and were therefore not eligible for consideration. (As indicated on the application, the student must submit an abstract for an oral presentation to be considered for these awards.) Two additional students requested oral presentations but received poster presentations instead and thus were also ineligible. A total of 29 oral presentations were considered for the McKay and Wiley awards at the Meteoritical Society Meeting in Berkeley. Oral presentations were judged in 15 of the 18 science sessions, indicating that students from a wide range of scientific backgrounds participated. The student talk that is judged to be of the highest quality received the McKay award (\$500). For the fourth year in a row, Wiley offered four awards (\$500) that were given to the presentations ranked 2-5.
- This year, 20 MetSoc members served as judges for the student awards. Though only 30% of persons who initially expressed interest in judging actually volunteered, giving members the opportunity to indicate their interest in judging when they submitted their abstracts is good practice. It gave me a pool of volunteers to solicit from, so it was much easier to put together a strong and willing group of judges. Council is encouraged to continue this practice for the 2016 meeting in Berlin.
- Each judge was responsible for judging 6-8 talks.

- Each talk was seen by at least five judges, with one judge being a “non-expert” to ensure that the talk appeals to wide audiences.
- After the Berkeley meeting, I compiled the scores and considered the comments. Based on this information, I (with the support of the judges) recommended that the McKay Award be awarded to Carolyn Crow and the four Wiley-Blackwell awards to Lucy Forman, Levke Koop, Michelle Thompson, and My Riebe. These recommendations were approved unanimously by the council.
- Tasha will again serve as the McKay Committee chair for the 2016 meeting in Berlin. Judges will be solicited from those individuals who indicate their interest on the abstract submission form.

Candace Kohl suggested getting a list of the awardees to Wiley.

13. Publications Committee Report (Denton Ebel)

Denton is reviewing George Flynn’s reports from the last few years and discussed the conflict of interest statement.

Mike Zolensky – mentioned the issue of abstract fees.

Candace Kohl mentioned that in the future the abstract fee may be folded into the registration fee.

14. MaPS Editor’s Report (Tim Jull and Fiona Sarne)

14.1 Tim Jull introduced Fiona Sarne as the Society’s new contact from Wiley

Tim summarized the status of Meteoritics and Planetary Science. Scientifically, the journal continues to do well and its impact is increasing. They continue to expand open access and electronic publication.

1. Paper submission summary for the last year.

The journal submission rates continue to be good. In the last year, we received 229 new (original) papers, as well as various revisions of other papers. For the 2-year period from Feb 2014 to 2016, the “accept” ratio was 76.7% (270 out of 352 papers).

2. Tim reported that the impact factor has risen to 3.1 for the last year, which reflects the previous 2 years.

3. Online journal.

All back issues of the journal are available online at the Wiley website. Members can access this through their member identification, if they do not have full university library access. The meteoriticalsociety.org website now offers access to MaPS through a direct link – the user needs their email and password.

4. Open Access

Not much changed, still in progress.

Open Access continues to be an expanding question. As noted in the Wiley report, the publisher is working to implement CHORUS, a collaboration between publishers that will implement US public-access mandates. More information is provided in the Wiley publisher’s report.

To review, there are two forms of open-access to which we should pay attention:

1. Gold Open Access. The paper is made available to any reader immediately on publication on-line. The costs of this service are currently about \$1,500 to 2,500 per article (according to current pricing of several publishers). For “gold access” that the copyright remains with the authors.
2. Green Open Access. The paper is made openly available after some waiting period, usually 6 months to 1 year. The US government has required this for National Institutes of Health-funded work, and is expected to require it for NASA and NSF-funded work eventually.

5. Production and Typesetting of Papers.

There are no production problems delays in the production of papers to report. Minor problems are generally worked out during telephone conferences with Wiley personnel. There are no recent reports of delivery delays.

6. Print Statistics.

Below is a summary of Number of Papers Printed since 2003; note the increase in the electronic/print ratio, which is now about 28% of all pages. The number of printed pages is going down and electronic is going up.

Year	No. of Papers	Paper Pages ¹	Pages/Paper	Total Pages plus electronic supplements ⁶
2015	124 ¹¹	2142	17.3	2957 ¹⁰
2014	147 ⁸	2304 ⁷	15.7	2758 ⁹
2013	142 ⁴	2617 ⁵	18.4	3011 ³
2012	152 ¹	2287	15.1	2775 ³
2011	116	1948	16.8	2212 ²
				Non-electronic supplements:
2010	118	2015	17.1	2249
2009	122	1818	14.9	2047
2008	139	2107	15.2	2316
2007	142	2182	15.4	2375
2006	132	1994	15.1	2233
2005	117	1922	16.4	2187
2004	136	2067	15.2	2352
2003	127	1880	14.8	2123

1. Not including 6 award citations, 4 book reviews, 3 comments and 2 letters to the editor.
2. Including electronic supplements for abstracts
3. Including electronic supplements for abstracts and Meteoritical Bulletin.
4. Not including 5 award citations, 6 book reviews and 2 errata. Including 3 invited reviews, 4 oral histories, 5 reports and 2 comments.
5. Including 9 electronic-only pages.
6. including electronic-only pages.
7. Plus 2 errata, 1 comment, 3 oral histories, Meteoritical Bulletin announcement and 4 award citations. 101 electronic-only pages are included here.
8. includes 10 reports, 2 letters, 2 book reviews and 4 awards.
9. Including 454 abstract pages.
10. Including abstract volume (385 abstracts, with 414 pages), 2 announcements, 4 awards, 2 book reviews.
11. Print-only papers.

7. Electronic Supplements and Meteoritical Bulletin.

This year was the fourth year for the electronic-only abstracts. MaPS published 358 abstracts for the Berkeley meeting, compared to 454 abstracts for Casablanca, 394 (Edmonton) and 360 (Cairns). Two editions of the Meteoritical Bulletin (101 and 102) are published in print as an announcement page and 384 pages of electronic supplement. A separate electronic paper of 17 pages was also published.

8. Payment for Abstracts

We have established a good model for abstract payments, where it can't be done through the organizers, using the Mineralogical Society of America for payments.

9. Budget.

The total budget for 2017 is proposed to be \$131,330 - a reduction of \$8,076 from the last year's budget. This is due to the retirement of Susan McDonald. She will be replaced by student help. This has also resulted in an estimated reduction in the deficit of in the current fiscal year, which allows us to pass on some of the reduction in 2017.

Denton Ebel brought up the issue of transition to electronic. Mike Zolensky said that about 10% of members still want to look at print copy.

14.2 Wiley Report (Fiona Sarne)

Steve Ottagalli introduced himself as a Publishing Manager for Wiley.

Fiona Sarne reported that the Journal is doing well. There is an increase in open access articles. Publication times are improving. She discussed the geographical distribution of authorship and showed that the journal has a very international author base.

Web traffic: Between 2014 and 2015 there was an increase in usage of the website

Circulation and subscription usage: 100% renewal for Institutional subscriptions.

Mike Zolensky asked for statistics on people who want print vs. electronic versions of the journal and how long it would take to transfer to electronic only.

Fiona answered that it takes about 1 year for the transition.

Mike Zolensky asked about whether it could be done within the current contract and Fiona indicated that there should not be a problem with that.

11. Elements Report (Cari Corrigan) – given out of order from the original agenda

Cari Corrigan reported that Jodi Rosso is the new executive editor. Principle editors rotate off every year. Friedhelm von Balckenburg is the new principle editor.

Cari discussed the Cosmochemistry issue and recent news in Cosmo elements. She asked about contributions to the Cosmo issue.

Mike Zolensky added that his Cosmic Dust issue will take about 3 years.

15.1 GCA Editor's Report (Marc Norman)

GCA received 954 new submissions for calendar year 2015, almost identical to the number new submissions received the previous year (960 in 2014). 190 new manuscripts have been received so far in 2016, slightly ahead of the pace at this time last year (140 to March 2015). Submissions are stable

GCA published 269 papers in 2015, for a running annual success rate of 46%, slightly below the journal's long-term average. However, 175 articles have been published already in 2016, so for the period Jan 15-March 16, the success rate would be 54%, which is more consistent with the

long-term average for this journal. There are currently 230 manuscripts in various stages of review, and another 203 with authors for revision.

The GCA Editorial Board currently comprises 86 active Associate Editors, and the 2014 biannual Impact Factor for GCA is 4.33. Additional information from the publisher concerning journal performance will be presented at the meeting.

Currently there are three Special Issues in the works. One is on “Magmas and their sources: A tribute to Fred Frey”, and is being handled by Associate Editor Shichun Huang and Guest Editors Mike Garcia, Mike Rhodes, Rosemary Hickey-Vargas, and Fred Frey. A Special Issue on chondrites and early solar system chronology dedicated to Ian Hutcheon, based on a session at the Berkeley meeting, has been approved and is currently receiving manuscripts. The issue is being handled by AE’s Sasha Krot, Qing-zhu Yin, Sara Russell, and Yuri Amelin, with support from Guest Editors Andy Davis and Trevor Ireland. A third special issue based around the 4th International Highly-siderophile element geochemistry workshop, to be held in Durham in July 2016, has recently been approved. James Day will be a keynote speaker at the workshop. In addition, a preliminary proposal for a special issue in honor of Ernst Zinner has just been received from Larry Nittler, with Peter Hoppe, Kevin McKeegan, and Christine Floss as Guest Editors.

Finally, an arrangement is in the final stages to appoint an Editorial Assistant for GCA through the Geochemical Society’s business office at the Carnegie Institution. The EA would be a part-time position funded by Elsevier. The EA would work with the GCA Journal Manager (Amy Mutale, San Diego) and myself in an attempt to improve response times of late reviewers as well as conduct other administrative tasks associated with journal operations.

Marc reported that US dominates submission of paper, followed by China. The impact factor went up slightly from 2013 to 2014. It increased 2%, but currently it is slipping down. Review articles influence the impact factor.

Monica Grady said she liked the idea of review papers but mentioned that when you are reviewed in the UK – review articles do not count. They are not considered original works.

15.2 JPC report (Andy Davis)

Andy introduced the committee for 2016 and reviewed responsibilities of the committee.

Andy added that new GCA editors approved by the committee last year include Rachel James and Dan Sinclair. He discussed the conflict of interest statements and expectations of the community.

16. NASA Report – Jeff Grossman was present to answers questions.

17. New Business

Mike Zolensky asked if there was any new business. No new business was discussed.

18. Adjournment

The meeting was adjourned by unanimous consent at about 5:00 p.m.