

Scientific Committee on Solar-Terrestrial Physics Bureau Meeting, Telecon 7 May 2019

The meeting was carried out via telecon, 9:00 – 13:30 h.

Attendees:

(Present) Nat Gopalswamy (President), Franz-Josef Lübken (Vice-President), Marianna Shepherd (Scientific Secretary), Bureau members (in alphabetical order):, Aude Chambodut (WDS) , Jorge Chau (URSI), Vladimir Kuznetsov (IAGA/IUGG), Daniel Marsh (IAMAS), Takuji Nakamura (COSPAR), Annika Seppälä (SCAR), Prasad Subramanian (IUPAP).

By invitation: Katya Georgieva (Co-Chair, VatSITI), Ioannis Dagleis (Chair, NSP), Kazuo Shiokawa (Co-Chair, VarSITI), Patricia Doherty (upcoming Scientific Secretary).

Apologies: Kyung-Suk Cho (IAU) (Bureau member)

NOTE 1: Materials for the meeting were made available to all Bureau members in the days before the meeting. The materials include the Agenda, Minutes from last Bureau meeting, Results from the SVS competition 2019, and the PRestO document.

1. Opening remarks by President (Nat Gopalswamy)

Introductory remarks, summarizing main SCOSTEP's activities since the last Bureau meeting on April 13, 2018: SCOSTEP Visiting Scholarship (SVS), Distinguished Science and Distinguished Young Scientist Awards – 2018, the STP14 Symposium, ISSI Fora in Beijing and Bern on the Next Scientific Program and UNCOPUOS STSC.

Welcomed Dr. Patricia Doherty (Boston College) as the new Scientific Secretary.

Proposed that new ways should be identified for raising financial support for SCOSTEP activities in view of the reduced number of adherents, reconsideration of national scientific priorities and with that, reconsideration of support for the STP community at large.

Suggested that UN COPUOS STSC sessions could be used as a vehicle for promoting SCOSTEP activities and attracting new members. The withdrawal of Sweden from SCOSTEP membership is of a concern given its long previous involvement with the organization and the existence of vibrant national STP community. Concerted effort should be made to bring Sweden back as an Adherent.

NG summarized upcoming events including the Closing VarSITI Symposium and the VarSITI Steering Committee workshop, to be held in Nagoya, in November 2019 (will return to this later in the report)

2. Approval of the Agenda: The Agenda was approved.
3. Approval of the minutes of the previous Bureau meeting (Vienna, April 13, 2018):

The Minutes were distributed prior to the Bureau meeting.

One of the action from the Bureau meeting in 2018 was to deal with absenteeism at Bureau meetings. It was recommended that if Bureau members cannot attend a meeting they should appoint a proxy to ensure proper representation. SCOSTEP's President and Scientific Secretary to contact the presidents of the respective member organizations and request that those organizations provide travel support (airfare and one-day sustenance) for their representatives to the Bureau. Even when the representative is able to attend meetings without support of his/her organization, he/she should request such support so they could keep their independence from SCOSTEP in the decision-making.

Daniel Marsh suggested that the SCOSTEP President should contact the presidents of the participating bodies and they all agree on how the representatives in the Bureau should be supported.

Action: Nat Gopalswamy to prepare a letter to the presidents of all SCOSTEP's participating bodies requesting support for their respective representatives in the SCOSTEP Bureau.

The minutes were unanimously approved.

4. Status report on the Secretariat Activities to date (Marianna Shepherd)
 - a) Annual Report - 2018 (preview)

SCOSTEP through its Capacity Building and VarSITI programs supported *17 scientific conferences* and workshops, provided support for the creation of 5 databases and further developed collaboration with the ISWI (International Space Weather Initiative) community through the support of ISWI meetings and the International Space Science Schools. SCOSTEP participated in the 55th Scientific and Technical Subcommittee (STSC) of the UN COPUOS (Committee on the Peaceful Use of Outer Space) as a permanent observer. The main events for the organization was its 14th Quadrennial Solar-Terrestrial Physics (STP14) symposium, held at York University, Toronto, Canada and organized by the SS (MG).

These events were communicated to the SCOSTEP scientific community via the SCOSTEP and VarSITI Newsletters and the websites <http://www.yorku.ca/scostep/> (for SCOSTEP) and <http://www.scostepevents.ca/> (for STP14).

Action: The full text of the 2018 Annual report to be sent to the Bureau members, General Council and granting agencies.

- b) Summary of Secretariat activities (Marianna Shepherd)
 - Coordinating and managing all SCOSTEP related activities
 - Providing logistic and technical support for the VarSITI program, administration of VarSITI grants.
 - Organized the annual SCOSTEP Bureau meeting, held on April 13, 2018 at Austrian Academy of Sciences

- Managed the SCOSTEP Visiting Scholar (SVS) program, oversaw the announcements and all SVS applications, as well as all logistics associated with the administration of the SVS grants
- Organized the nomination and selection of the recipients of the SCOSTEP Distinguished Service Award, all logistics related to the preparation and presentation of the awards.
- Organized the STP14 and looked after all logistics and administration of travel grants and Awards
- Participated in the NSP Fora in Beijing and Bern and looked after travel arrangements for a number of attendees.
- Organized and administered the announcements, nomination and voting of the SCOSTEP General Council for the 2019 Presidential Election.
- Administered all finances related to the STP14 symposium, pre- and post- conference expenses, financial report for York University and for SCOSTEP
- Administered all SCOSTEP finances and prepared SCOSTEP financial report for audit.

5. Financial state of SCOSTEP to date (Marianna Shepherd):

a) Financial report 2018 & Budget

Marianna Shepherd presented a summary of the financial activities during the fiscal/calendar year of 2018. The presentation summary was based on the 2018 audit report by Yale and Partners LLP. It was reported that there was a significant reduction of the subscription contributions for 2018 due to outstanding/pending contributions mainly from USA (Category VII) and France (Category V) as well as some Category I members (e.g. Brazil, Slovakia). It was pointed out that the annual revenue from Adherent subscription fluctuates due to irregular installments by some countries, which tend to send multi-year subscription at once, thus making the accounting difficult and leading to a variable flow of funds to the organization.

The delay in USA support is related to the new funding plan in the USA for scientific organizations, including the NSF, thus being outside the NSF's control. The 2018 USA subscription was paid in March 2019. The US subscription for 2019 is still to be paid.

The situation is somewhat different with France, as its annual subscription is paid by two different organizations in a ratio 1:9 of their Category V subscription (\$10,000US). Since 2017 France has been paying only the 10%, or \$1,000US. After numerous discussions with the National Representative, Prof. Nicole Vilmer, as well as numerous letters and other documents, thanks to her effort it appears that France will pay the outstanding subscription for 2017 and 2018 totaling \$18,000US. The 2019 subscription is still to be approved.

Daniel Marsh suggested that the national STP community with the help of the NAR should write letters to the respective national funding organizations about the importance of providing support for SCOSTEP and how such support in return, benefits that community. Ideally SDR and NAR should jointly work to ensure such support. However, the SDRs do not know what their role is.

Nat Gopalswamy proposed the creation of a "Membership Committee", whose role will be to examine the membership revenue and develop policy how to deal with Adherents that do not pay their dues. The Committee should also consider the possibility of increasing the membership fee in order to keep up with inflation. The dues have not been increased since 2007.

Takuji Nakamura asked whether there was a record of those who have not paid.
Marianna Shepherd – such record exists and could be provided on request.
Patricia Doherty suggested to create a list of NAR with contact information and record of payments.
Marianna Shepherd – Such list exists and will be past to the new SS during the transition, together with all other contact and financial information.

Action: The financial report (audit by Yale and Partners LLP), the General Ledger and other relevant information to be sent to the SCOSTEP Financial Committee (Franz-Josef Lübken and Takuji Nakamura).

Action: The Financial Committee to prepare a report to be sent to the Bureau meeting.

Action: Marianna Shepherd to send the 2018 Financial statement and proposed budget to the Bureau.

b) State of finances 2019 & Budget

Marianna Shepherd presented a summary of the budget to date.
Nat Gopalswamy presented the budget for the current year, 2019 as well as projections for 2020.
The budget was approved.

Action: To send the proposed budget to the Bureau for their information and consideration.

Action: To send the 2018 Financial Report by Yale and Partners LLP to the Bureau.

6. Report on VarSITI activities (Kazuo Shiokawa)

Presentation summarizing the programs' achievements is provided in the Appendix of these minutes. Main topic was the upcoming Steering Committee workshop to be held during November 11 – 15, 2019 in Nagoya and sponsored by the ISSI. The purpose of the workshop is to discuss and prepare drafts of 5 review papers, covering the five VarSITI themes.

Kazuo Shiokawa requested that the VarSITI mailing list be transferred to SCOSTEP.

7. Report/update on preparation for the Closing VarSITI General Symposium, Sofia, Bulgaria (Katya Georgieva)

The program for the Symposium is in preparation. It will feature sessions with keynote presentations on the VarSITI themes, invited talks and a session dedicated to PReSTo. The LOC is exploring the possibility of publishing proceedings from the conference. TBD by the Steering Committee.

Based on the number of registrations to date the attendance will be less than planned. Only two Bureau members will attend the Symposium, Nat Gopalswamy and Franz-Josef Lübken.

8. Future directions for solar-terrestrial physics research after VarSITI – PReSTo (Ioannis Daglis)

Prior to the meeting Ioannis Daglis sent to the Bureau the final version of the PReSTo document, incorporating comments and suggestions by seven external reviewers.

Ioannis Daglis pointed out that the extent of the document is already sufficient and that all comments have been considered. The NSP (Next Science Program) Committee is of the opinion that some of the

comments require greater details, which cannot be provided in this document but will be considered later.

The NSP Committee does not consider the theme of exoplanets to be included in the document, as it is outside the scope of PReSTo.

Aude Chambodut asked for clarification on the use of the term “magnetograph”, which was provided.

Nat Gopalswamy thanked ISSI for their support in organizing the NSP Fora in Beijing and Bern. He also thanked Ioannis Dagalos and the NSP Committee for their efforts in delivering the PReSTo document as a roadmap for SCOSTEP research following the VarSITI program. ISSI plans to prepare and publish an article on PReSTo.

Action: Bureau members need to approve the name of the program and the PReSTo document.

Action: The Bureau to respond within a week, by May 15, 2019 on the name and the content of the document, as presented by Ioannis Dagalos. The vote to be sent to Marianna Shepherd (as yes or no).

Annika Seppälä will not be able to respond within a week.

9. SCOSTEP Awards – Distinguished Service Award (Marianna Shepherd)

9.1. DScA and DYSA - 2018

- a) DScA – Prof. Jeffrey Forbes; DYSA – Dr. Kok Leng Yeo
- b) Award ceremony – STP14, July 9, 2018

9.2. Distinguished Service Award (DSA) - 2019

- a) Only one nomination was submitted by February 28, 2019
- b) The nomination packages sent to Awards Selection Committee – March 1, 2019
- c) Nomination package incomplete, CV obtained after the deadline for submission of nominations
- d) The terms of three committee members have expired (*Marina Battaglia, Archana Bhattacharyya (Chair) and Mark Miesch*) but were asked to continue until July 2019
- e) Information about situation sent to the Bureau for consideration.
- f) Discussion whether nominations from previous competitions should be carried over. This discussion was done by e-mail, in early March, 2019.

In view of the incomplete nomination package, it was decided to defer the nomination to the next AO. Instead six commemorative plaques acknowledging service to SCOSTEP activities to be presented at the Closing VarSITI symposium in Sofia in June 2019 and at the General Council meeting in Montreal, July 2019. Commemorative plaques to be given to: Katya Georgieva, Kazuo Shiokawa, Ioannis Dagalos, Archana Bhattacharyya, Nicole Vilmer and Andrei Osin.

Marianna Shepherd reminded the Bureau of the need to appoint new members of the Awards Selection Committee and to review/revise terms for the nominations and presentation of Distinguished Service Award. There is a need to elevate the status of the DSA. The award appears not very ‘popular’ – very few nominations over the years. There is a perception that the DSA is intended to acknowledge senior

scientists and past contributors to SCOSTEP. With the make up of the General Council (SDR appointments in 2011 and mostly 2015) the Council is not aware of SCOSTEP's past activities. Need to introduce 'smaller' recognition awards, e.g. commemorative plaques to invigorate STP community participation.

Nat Gopalswamy proposed the creation of "Nominating Committee" with the role to search who the nominees should be. To revive SCOSTEP's "Honorary members" appointments. Those who have received the Distinguished Science Award should automatically become "Honorary Members". Those who have received Distinguished Service Award should be listed under the "Service awards". The old list is here: <https://scostep.apps01.yorku.ca/about-2/archives/past-award-winners/>

The proposal seconded by Franz-Josef Lübken and Daniel Marsh was unanimously approved by the Bureau

9.3 Appointing new Awards Committee:

Marina Battaglia (to be reappointed), Craig Rodger, Sami Solanki, Ryoichi Fujii, Robert Sych, Lesley Gray, Nandita Srivastava, Clara Yatini, Jan Lastovička

Action: Marianna Shepherd to contact the nominees and inform them about their appointments.

10. SCOSTEP Visiting Scholarships – an update (Marianna Shepherd)

Marianna Shepherd reported on the selection procedure for the SVS 2019. The number of applications have increased from 9 in 2016 to 14 in 2019. The 2019 applicants were from India (5), Ethiopia (1), Mexico (1), Nigeria (1), Côte d'Ivoire (1). The 2017 SVS Award Selection Committee is: *Nicole Vilmer (France) (Chair), Mike Taylor (replacing Maura Hagan, USA), Alejandro Lara Sanchez (Mexico) (replacing Jean-Pierre Raulin, Brazil), Akimasa Yoshikawa (Japan) (a new member) and Katya Georgieva (Co-chair of VarSITI) (Bulgaria).*

Marianna Shepherd informed the Bureau that the number of SVS hosting institutions has increased to 14, with the most recent addition of the: 1) *Center for Radio Astronomy and Astrophysics at Mackenzie (CRAAM), São Paulo, Brazil, Contact: Prof. Jean-Pierre Raulin, <https://www.mackenzie.br/en/craam-center-for-radio-astronomy-and-astrophysics-at-mackenzie/>; 2) International Centre for Space Weather Science and Education, Kyushu University, Japan, Contact: Prof. Huixin Liu, <http://www.icswse.kyushu-u.ac.jp>*

In 2018 seven applicants received SVS grants, they have all successfully completed their tenure.

Marianna Shepherd conveyed to the Bureau the following recommendations of the SVS Selection Committee:

The Committee noticed that more applications are received every year, as the overall quality of the applications is improving from year to year. Most of the applications of this year are of very good

quality and strongly deserve support. Recommend that the SCOSTEP financial support devoted to the SVS applications this year be increased so that more people can benefit from this program.

- Category 1 should be split in two parts: 1) sub-category corresponding to early PhD (who would benefit from a collaboration to gain new experience, learn how to use new data), and 2) the other sub-category for PhD students (after year 3).
- Several institutes receive several applications. We may have to think in the future on how to organize the selection if the selection of candidates would strongly favor one institute.

The SVS-2019 Announcement was released on December 1, 2018; Application Deadline – February 25, 2019; SVS Selection Committee results – April 1, 2019

Fourteen (14) applications were received:

- Category 1: Graduate students (MSc, PhD) - 11 (5 – India, 1 – Argentina, 1 – Ethiopia, 1 – Mexico, 1 – Nigeria, 1 – Peru, 1 - Rwanda)
- Category 2 – Postdoctoral fellows (PDFs) with experience up to 5 years from date of graduation at the time of application – 3 (1 – India, 1 – Nigeria, 1 - Uganda)

It was proposed that 10 SVS grants be given, budget permitting. Seconded by Daniel Marsh and Franz-Josef Lübken.

The Bureau approved SVS grants for: 1) Category I - the first 8 applicants, according to the SVS Selection Committee ranking list; 2) Category II – the first 2 applicants according to ranking.

10.1 Appointment of a new SVS Selection Committee:

The following individuals were nominated to serve in the SVS Selection Committee: John Raymond, Thierry Dudok de Wit, Alejandro Lara, Mike Taylor, Ivan Orsolini, Noora Partemies, Emilia Kilpua, Irina Mironova, Ivan Dorotovič, Ayman Mahrous.

Action: Nat Gopalswamy to contact the committee

Action: To contact the committee members and inform them about their responsibilities and objectives.

11. Election of SCOSTEP Executives – an update & General Council meeting, Montreal - July 13, 2019 (Marianna Shepherd)

Marianna Shepherd briefed the Bureau on the election process and voting.

a) Appointment of Election Committee (ballot counting)

Takuji Nakamura and Annika Seppälä were appointed as members of the Election Committee to count the ballots and report on the election results.

12. Proposal for STP15 – Mumbai, India, 2021 (Nat Gopalswamy, Marianna Shepherd)

The proposal to host STP15 in Mumbai in 2021, submitted by S. Gurubaran, was sent to the Bureau prior to the telecom. In brief it is proposed that the 15th Quadrennial Solar-Terrestrial Physics Symposium (STP15) – September 20 – 24, 2021, Mumbai, India. STP15 to coincide with the Golden Jubilee of the Indian Institute of Geomagnetism (making geomagnetic observations for more than 175

years). An invitation by the Indian National Science Academy. Chairs have been appointed for the Local Organizing and National Advisory Committees.

When the proposal was first sent to the Bureau Annika Seppälä expressed concern that STP15 would be held about a month after the IAGA meeting in Hyderabad, in August 2021, and that this would likely affect/hinder the attendance of the STP15 symposium.

Marianna Shepherd requested comments by S. Gurubaran on the potential conflict between the two conferences and how this would be addressed. S. Gurubaran send a note a summary of which was presented to the Bureau: It is felt that the focus of STP-15 would be on the new SCOSTEP program. The intent is to design the meeting to be more attractive and target the STP community - a few tutorial and keynote talks. The STP event will be highly structured and focused towards Sun-Earth chain related problems, coordinated campaigns, new instrumentation and space missions, international collaborations, networking, etc. By isolating the target audience for STP-15, the LOC may be able to alleviate the impact of IAGA on STP15. Sessions for STP-15 will be fine –tuned after going through the approved IAGA sessions.

While the Bureau members thought the proposal is strong and acceptable, the proximity to the IAGA meeting is a major roadblock.

Daniel Marsh pointed out that the proximity of the STP15 to the IAGA meeting would make the advertising of the event difficult and it would affect the attendance. It is optimistic to expect 150 international attendees. Asked whether the date can be changed.

Nat Gopalswamy – the STP15 is planned to coincide with the Jubilee and if the date could be moved it still have to be within the same year.

Daniel Marsh – Considering the fact that 2/3 of the PReSTo program is associated with IAGA people would have to choose between IAGA and STP15.

Annika Seppälä - The time of the STP15 would coincide with the Academic year in Australia and New Zealand and elsewhere, and no academics would be able to attend thus losing practically one half of the scientists who otherwise would wish to attend.

Nat Gopalswamy holding the STP15 in Mumbai in September 2021 would be mutually beneficial because of the financial support provided by government and other sponsors. The conference would still take place (similar to the STP13 in Beijing), with a lot of local attendees but with not many foreigners.

Nat Gopalswamy asked for a vote on whether to support the proposal.

Daniel Marsh would not support the proposal if the date remains as is.

Annika Seppälä does not support the proposal as is.

Jorge Chau – Because of the overlap it would be hard to attend STP15, thus – no.

Takuji Nakamura – same, no.

Action: Ask S. Gurubaran whether the date of the conference can be changed.

Marianna Shepherd suggested that there could be PReSTo symposium in 2021 (similar to the 1st VarSITI symposium in Irkutsk), and still have STP15 in 2022 as it should be.

Franz-Josef Lübken asked Nat Gopalswamy to contact Gurubaran and convey our concerns and whether alternative dates could be considered.

Action: Nat Gopalswamy to write to or call S. Gurubaran and inquire whether the Bureau's concerns could be addressed.

13. SCOSTEP at the UN COPUOS (Nat Gopalswamy)

Space Weather is a Permanent agenda item under UNCOUOS. SCOSTEP will participate in all related deliberations so member countries can be made aware of SCOSTEP activities. The 56th STSC (Scientific and Technical Subcommittee) session was held during February 11 – 22, 2019 in Vienna.

NG has invited presentation from SCOSTEP Adherents (in 2019 - Marina Battaglia, Switzerland). He has given presentation on the NSP and the ISSI/SCOSTEP Fora in Beijing and Bern. The STSC sessions – as an opportunity for outreach – posters, brochures, flyers.

14. New SCOSTEP Members (Nat Gopalswamy, Marianna Shepherd)

- a) Ethiopia – Application, October 26, 2018. NG wrote to the Bureau for approval. The Bureau unanimously recommended admitting Ethiopia. On March 25, 2019 by an electronic vote, the SCOSTEP Council unanimously approved Ethiopia's application for a membership in SCOSTEP. Prof. Gebregiorgis Abraha (Mikelle University) has been appointed as a National Adherent Representative for Ethiopia.
- b) New appointments of NAR: Dr. Paulett C. Liewer – USA (replacing Prof. S.T Wu).

Nat Gopalswamy – working with colleagues in Italy for Italy to re-join SCOSTEP. Other countries to be approached: Denmark, Belgium, Netherlands, Poland, Singapore.

Particular attention was given to Greece's re-joining SCOSTEP. The last subscription installments as Category I was in 2011. Given the long lapse it was recommended that Greece be considered as a new applicant and member, to follow the current application procedure.

Jorge Chau, Franz-Josef Lübken approved Greece to be accepted as a new member before leaving the meeting.

Daniel Marsh – approved renewing Greece membership; suggests that the 'Membership Committee' should refine the policy on how to deal with issues of losing and gaining SCOSTEP membership; to draw an operating procedure.

Action: Nat Gopalswamy to contact Greece and discuss what need be done for the renewal of its membership.

15. Reports on recent activities by SCOSTEP's affiliates (COSPAR, IAMAS, IAGA, IUA, IUPAP, SCAR, URSI, WDS) – (All Bureau members)

a) 5 reports (COSPAR, IAGA, IAMAS, SCAR, URSI)

i) COSPAR (Takuji Nakamura)

Takuji Nakamura presented a brief summary on recent COSPAR activities: Report to SCOSTEP Bureau from COSPAR: In 2018 the COSPAR President, Len Fisk (USA) was re-elected for another four-year term (2018-2022). The assembly at Pasadena/USA in 2018 was very successful. In November 2019 (Nov 4 – 8), the 4th COSPAR symposium on “Small satellites for sustainable science and development” will be held in Israel. The assembly in 2020 will be in Sydney/Australia, while for the assembly in 2022, Athens/Greece has been selected. Because of financial problem following the cancelled assembly in Istanbul in 2016, COSPAR will begin charging abstract submission fee for the assembly in Sydney, 2020.

Takuji Nakamura’s appointment as COSPAR’s representative to SCOSTEP will expire at the time of the IUGG assembly in July, 2019, in Montreal.

Following his presentation Takuji Nakamura left the meeting.

ii) IUGG/IAGA (Vladimir Kuznetsov)

Vladimir Kuznetsov: Report on IUGG/IAGA activities (see presentation in Appendix)

Vladimir Kuznetsov appointment as IUGG/IAGA’s representative to SCOSTEP will expire at the time of the IUGG assembly in July, 2019, in Montreal.

iii) IAMAS/ICMA (Daniel Marsh)

Daniel Marsh: Report on IAMAS activities (please see presentation in Appendix)

At the time of the IUGG assembly in July, 2019, in Montreal, IAMAS/ICMA to appoint a representative to SCOSTEP. Usually this would be IAMAS Past President.

Action: Marianna Shepherd to contact COSPAR, IAGA and IAMAS Secretariats and request the appointment of replacements for Takuji Nakamura, Vladimir Kuznetsov and Daniel Marsh.

iv) SCAR (Annika Seppälä)

At the 2018 SCAR Delegates meeting, the Delegates asked the Executive Committee to review SCAR programmes, activities and committees to ensure they continue to be fit-for-purpose as the science need evolves. The SCAR Executive Committee is conducting a survey (<https://www.surveymonkey.com/r/SCAR>) of SCAR’s members, scientists, partners and groups that use SCAR data and findings. With the survey SCAR is asking for input on how different stakeholders engage with SCAR programmes and activities and what they expect from SCAR.

AS is concerned that in recent years the interest in investigating the Sun-Earth relationship and coupling with the atmosphere under SCAR has diminished and she encouraged the SCOSTEP community to take part in the survey to make sure that this important line of research continue to be part of SCAR’s activities

Preparations are well underway for our 2020 SCAR meetings and Open Science Conference to be held in Hobart, Australia in July-August 2020.

Action: To send out a memo to the SCOSTEP/VarSITI community encouraging participation in the survey (<https://www.surveymonkey.com/r/SCAR>)

v) URSI (Patricia Doherty for Jorge Chau)

Patricia Doherty mentioned the upcoming 20th International Beacon Satellite Symposium to be held in Olsztyn, Poland during 19 - 23 August 2019. The Beacon Satellite Symposium is a triennial event organized by the Beacon Satellite Studies Group of URSI Commission G. Patricia Doherty offers to use the opportunity of that meeting in order to raise interest for Poland to become member of SCOSTEP.

NOTE 2: (Marianna Shepherd) - Poland was an Adherent member of SCOSTEP with a National Adherent Representative Prof. Barbara Popielawska, who was a member of the General Council until 2011.

Action: The reports will be posted on SCOSTEP's website and upcoming events will be announced through the Website.

16. Other Business

There were no other business items to be discussed.

All topics of the Meeting's Agenda were addressed.

The President thanked all for attending the Bureau meeting; the meeting adjourned.