

IUGG



**International Association
of Geodesy**

Newsletter

September 2019

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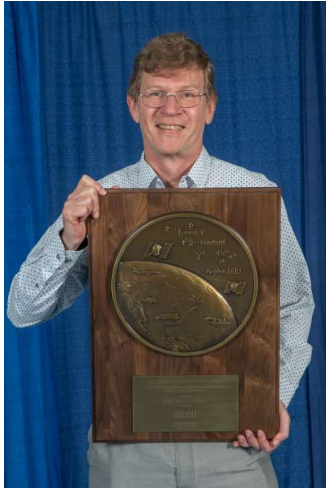
It is an open forum and contributors are welcome to send material (preferably in electronic form) to the IAG COB (newsletter@iag-aig.org). These contributions should complement information sent by IAG officials or by IAG symposia organizers (reports and announcements). The *IAG Newsletter* is published monthly. It is available in different formats from the IAG new internet site: <http://www.iag-aig.org>

Each *IAG Newsletter* includes several of the following topics:

- I. news from the Bureau Members
- II. general information
- III. reports of IAG symposia
- IV. reports by commissions, special commissions or study groups
- V. symposia announcements
- VI. book reviews
- VII. fast bibliography

General Announcements

Peter Teunissen receives Johannes Kepler Award



The Institute of Navigation's (ION) Satellite Division presented Professor Peter Teunissen with its Johannes Kepler Award September 20, 2019 at the ION GNSS+ Conference in Miami, Florida. Professor Teunissen was recognized for his influential and groundbreaking contributions to the algorithmic foundations of satellite navigation, and for sustained dedication to the global education of the next generation of navigation engineers.

The Johannes Kepler Award recognizes and honors an individual for sustained and significant contributions to the development of satellite navigation. It is the highest honor bestowed by the ION's Satellite Division.

Full citation of the award can be found on the ION website at <https://www.ion.org/awards/2019-Kepler.cfm>

IAG COB

Meeting Announcements

Meetings Calendar

IAG Sponsored Meetings

DORIS Analysis Working Group meeting

September 30 – October 1, 2019, Paris, France

URL: <https://ids-doris.org/ids/reports-mails/meeting-presentations/ids-awg-09-2019.html>

ILRS Analysis Standing Committee (ASC) meeting

October 1, 2019, Paris, France

URL: <https://ilrs.cddis.eosdis.nasa.gov/science/awg/awgActivities/index.html>

5th IAG Symposium on Terrestrial Gravimetry: Static and Mobile Measurements

October 1 – 4, 2019, Saint Petersburg, Russia

URL: <http://www.elektropribor.spb.ru/tgsmm2019/eindex>

GGOS/IERS Unified Analysis Workshop

October 2 – 4, 2019, Paris, France

URL: <https://www.iers.org/IERS/EN/NewsMeetings/ForthcomingMeetings/forthcoming.html>

Journées 2019: Astrometry, Earth Rotation and Reference

October 7 – 9, 2019, Paris, France

URL: <https://synte.obspm.fr/astro/journees2019/>

BIPM Workshop on Advanced Time and Frequency Transfer

October 10, 2019, Sèvres, France

URL: <https://www.bipm.org/en/conference-centre/bipm-workshops/advanced-time/>

2019 ILRS Technical Workshop

October 21 – 25, 2019, Stuttgart, Germany

URL: <http://www.dlr.de/ilrs2019>

GGOS Days 2019

November 11 – 14, 2019, Rio de Janeiro, Brazil

URL: <https://iag.dgfi.tum.de/en/meetings-calendar/>

SIRGAS Symposium 2019

November 11 – 14, 2019, Rio de Janeiro, Brazil

URL: <https://iag.dgfi.tum.de/en/meetings-calendar/>

11th IVS General Meeting

March 22 – 28, 2020, Annapolis, MD, USA

URL: <https://www.iers.org/IERS/EN/NewsMeetings/ForthcomingMeetings/forthcoming.html>

IGS Workshop "IGS 2020: Science from Earth to Space"

August 10 – 14, 2020, Boulder, CO, USA

URL: <https://www.iers.org/IERS/EN/NewsMeetings/ForthcomingMeetings/forthcoming.html>

43rd COSPAR Scientific Assembly

August 15 – 23, 2020, Sydney, Australia

URL: <http://www.cospar2020.org/>

22nd meeting of the Consultative Committee for Time and Frequency (CCTF)

October 26 –30, 2020, Sèvres, France

URL: <https://www.iers.org/IERS/EN/NewsMeetings/ForthcomingMeetings/forthcoming.html>

IAG Scientific Assembly

June 28 – July 5, 2021, Beijing, China

URL: <http://www.iugg.org/meetings/assemblies.php>

IAG Related Meetings

4th Symposium of the Committee on Space Research (COSPAR)

November 4-8, 2019, Herzliya, Israel

URL: <http://www.cospar2019.org/>

19th International Symposium on Geodynamics and Earth Tides (G-ET Symposium 2020)

June 7-11, 2020, Wuhan, China

URL: <http://get2020.csp.escience.cn/dct/page/1>

Reports

Chinese Annual Geodetic General Assembly (CAGGA) 2019 held in Guilin, China

The Chinese Annual Geodetic General Assembly 2019 was successfully held on September 4-6, 2019 in Guilin, China. This year's assembly was jointly organized by the China National Committee of IAG (CNC-IAG) and the Geodesy and Navigation Committee of the Chinese Society for Geodesy, Photogrammetry and Cartography (CSGMC).

Nearly 600 participants including about 200 students from universities, institutes and administration departments all over the country gathered in the beautiful city of Guilin to attend this conference full of scientific inspirations. Academicians of Chinese Academy of Science, Prof. Junyong Chen and Prof. Yuanxi Yang, Prof. Yang Gao from University of Calgary, Prof. Peiliang Xu from Kyoto University and Prof. Zhenhong Li from Newcastle University attended the assembly. Academician Yuanxi Yang, Prof. Yamin Dang and Prof. Yang Gao were invited to deliver keynote speeches.



The general assembly is composed of the following four parallel sessions: (1) Precise positioning and reference frame; (2) Navigation, positioning and location based service; (3) Gravity field and vertical datum; (4) Geodetic monitoring and geodynamics. 3 keynote speeches and over 150 contributions out of more than 200

submissions were presented, which reflected the latest development and progress in the fields of GNSS navigation and positioning, gravity field and geoid modeling, geodetic data processing and earth dynamics in the past year.



Photo of participants

by Yamin Dang and Tao Jiang

Obituary

Rodrigue Blais (1941-2019)



Dr. Rodrigue (Rod) Blais, Professor Emeritus in the Department of Geomatics Engineering at The University of Calgary, passed away on June 27 at age 77 after a short illness. Rod was part of the original team of faculty members who started the Division of Surveying Engineering in 1979 at The University of Calgary. He held a B.Sc. degree in mathematics from Loyola College (now Concordia), an M.A. in mathematics from the University of Toronto and a Ph.D. in surveying engineering from The University of New Brunswick. He worked for the Surveys and Mapping Branch of the federal Department of Energy, Mines and Resources in the 1970s where he was involved in photogrammetric and geodetic research and was the author of the well-known photogrammetric software Space-M. He taught many subjects in the department and conducted research in several areas, most recently in computational geodesy. He continued his involvement in the department and with the geodetic community after his formal retirement in 1996, through the teaching of graduate courses, advising students and with the Canadian Geophysical Union and its Geodesy Section. Rod was an avid hiker in the Rockies until shortly before his passing.

MARCELO SANTOS