



**International Association
of Geodesy**

Newsletter

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The *IAG Newsletter* is under the editorial responsibility of the *Communication and Outreach Branch* (COB) of the IAG.

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

Meeting Announcements

New deadline for abstracts to GGHS-2018

International Symposium “Gravity, Geoid and Height Systems 2”, the 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy will be held in Copenhagen, Denmark, Sep 17-21, 2018. Please note that **abstract submission deadline** is postponed to **May 7, 2018**.

For more information on the symposium please visit www.space.dtu.dk/gghs2018

RENE FORSBERG

Meetings Calendar

IAG Sponsored Meetings

UN GGIM AP / IAG / FIG Technical Seminar on Reference Frames in Practice

May 4-5, 2018, Istanbul, Turkey

URL: <http://www.fig.net/fig2018/rfip.htm>

EUREF Symposium 2018

May 30 – June 1, 2018, Amsterdam, The Netherlands

URL: <http://euref2018.nl>

10th IVS General Meeting

June 3-8, 2018, Longyearbyen, Spitsbergen, Norway

URL: <http://www.ivs2018.no>

First Workshop on the International Geodynamics and Earth Tide Service (IGETS)

June 18-20, 2018, Potsdam, Germany

URL: <http://isdc.gfz-potsdam.de/igets-data-base/igets-workshop-2018/>

IX Hotine-Marussi Symposium on Mathematical Geodesy

June 18-22, 2018, Rome, Italy

URL: <https://sites.google.com/uniroma1.it/hotinemarussi2018/>

IAG Workshop on Hydrogeodesy

June 29-30, 2018, Wuhan, China

URL: <http://hydrogeodesy2018.csp.escience.cn/>

42nd COSPAR Scientific Assembly (with REFAG2018 and Panel on Satellite Dynamics)

July 14-22, 2018, Pasadena, CA, USA

URL: <http://cospar2018.org/>

8th UN-GGIM Session

August 1-3, 2018, New York, USA

URL: <http://ggim.un.org/meetings/GGIM-committee/8th-Session/>

IAU XXXth General Assembly

August 20-31, 2018, Vienna, Austria

URL: <http://astronomy2018.univie.ac.at/>

19th General Assembly of WEGENER

September 10-13, 2018, Grenoble, France

URL: <https://wegener2018.sciencesconf.org>

GGHS2018

September 17-21, 2018, Copenhagen, Denmark

“Gravity, Geoid and Height Systems 2” Symposium, 2nd joint meeting of the International Gravity Field Service and Commission 2 of the IAG

URL: <http://www.space.dtu.dk/gghs2018>

International DORIS Service (IDS) Workshop

September 24-29, 2018, Ponta Delgada, Azores

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

GGOS Days 2018

October 2-4, 2018, Tsukuba, Japan

URL: <http://176.28.21.212/en/meetings/2018/ggos-days/general/>

IGS 2018 Workshop

October 29 – November 2, 2018, Wuhan, China

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

21st International Workshop on Laser Ranging

November 5-9, 2018, Canberra, Australia

URL: <http://www.serc.org.au/iwlr-2018/>

27th IUGG General Assembly

July 8 – 17, 2019, Montreal, Canada

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

IAG Related Meetings

Scientific Congress of the National Geodesy and Geophysics Union of Turkey

May 30 – June 2, 2018, Izmir, Turkey

URL: <http://www.tujbkongre2018.org/en/>

AOGS 15th Annual Meeting

June 3-8, 2018, Hawaii, USA

URL: http://www.asiaoceania.org/society/public.asp?view=up_coming

Baltic Geodetic Congress 2018

June 21-23, 2018, Olsztyn, Poland

URL: <http://bgc2018.systemcoffee.pl>

ESA/JRC International Summer School on GNSS 2018

July 16-27, 2018, Loipersdorf, Austria

URL: <https://www.esa-jrc-summer-school.org/>

IX International Symposium "Metrology of Time and Space"

September 12-14, 2018, Mendeleevo, Russia

URL: <http://www.vniifri.ru/index.php/en/news/conferences/741-sym9>

ION GNSS+ 2018

September 24-28, 2018, Miami, Florida, USA

URL: <https://www.ion.org/gnss/>

EVN Symposium and Users' Meeting

October 8-11, 2018, Granada, Spain

URL: <http://evnsymp2018.iaa.es/>

IWGI2018

November 4-6, 2018, Shanghai, China

International Workshop on GNSS Ionosphere will be held on Nov. 4-6, 2018, Shanghai, China.

URL: <http://202.127.29.4/geodesy/iwgi2018>

AGU 2018 Fall Meeting

December 10-14, 2018, Washington, D.C., USA

URL: <https://meetings.agu.org/>

EGU General Assembly 2019

April 7-12, 2019, Vienna, Austria

URL: <http://www.egu2019.eu/>

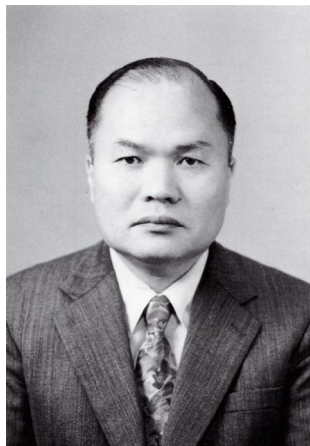
AOGS 16th Annual Meeting

July 28 – August 2, 2019, Singapore, Singapore

URL: http://www.asiaoceania.org/society/public.asp?view=up_coming

Obituary

Ichiro Nakagawa (1932-2018)



Dr. Ichiro Nakagawa, Professor Emeritus of Kyoto University, passed away on April 5, 2018 at the age of 86.

Dr. Nakagawa was born on February 8, 1932, in Nara, a historical city of Japan, and graduated from Kyoto University. He was first appointed to the Disaster Prevention Research Institute in 1958, and later moved to the Faculty of Science, Kyoto University. He devoted himself to geodetic research and education, as well as a variety of laborious administration works until his retirement from Kyoto University in 1995.

In his early research career, Dr. Nakagawa carried out Earth tide observations using an Askania gravimeter during the period of the International Geophysical Year (IGY) 1957-1958. He developed a new tidal analysis method and determined the tidal parameters at 10 widely spread observation sites in Japan. This work, a part of his doctoral thesis, was a pioneering study for the later research of gravity tide profiling. Another distinct outcome from his early research was the detection of the free oscillations of the Earth, excited by the

Chilean earthquake in 1960. When the earthquake occurred, he was conducting a continuous Earth tide observation at Kyoto University using the Askania gravimeter. He successfully detected the OS2 mode with the period of 53.4 min, which was theoretically expected. Together with the other gravity observations, it was the first time in the history that the free oscillation of the Earth was observed by gravity observations. Later, his researches were extended to establishing and enhancing the international gravity networks. He led and conducted several domestic and international gravity connection campaign measurements, for instance, a domestic campaign in 1976, along the Circum-Pacific Zone during 1979-1982, between Japan and China in 1985, and so on. He also introduced the superconducting gravimeters to Japan in late 1980s, and contributed to the establishment of GGP (the Global Geodynamic Project).

Besides his research activities, Dr. Nakagawa served as the President of the Geodetic Society of Japan (1991-1995), the Chair of the geodetic subcommittee of Science Council of Japan (1985-1991), and was chair and member of many other committees. He also devoted himself to various international endeavors. He served as a member of the directing board of the Bureau Gravimetric International (BGI) (1978-1991), Secretary of IAG Section III (Determination of the Gravity Field) (1983-1987), President of Section III and a member of IAG Executive Committee (1987-1991). One of his distinct achievements was the organization of the 1982 IAG assembly in Tokyo, which was the first scientific assembly of IAG. Dr. Nakagawa, as the secretary general of the local organizing committee, led the assembly really successfully, with his perfect management.

All who knew Dr. Nakagawa will remember his energetic and active personality. He was a real leader of Japanese geodesists. We never forget his achievements and respectfully mourn his passing.

YOICHI FUKUDA