

Report of IAU Division C: Astronomy Education, Outreach and Heritage

Disclaimer: lack of proper accent and other marks are due to the technical shortage this secretary has, and not by intention.

This report contains the activities of Division C from after the General Assembly in August 2018 to 31 December 2019. For our reference, there are now four IAU Offices (OAO*, OAE*, OAD*, OYA*), all of which we closely work with.

1. New administration after the General Assembly 2018.

- President: Susana Deustua (United States)
- Vice President: Richard de Grijs (Australia)
- Division Steering Committee Members: R. Elizabeth M. Griffin (Canada), J. M. Rodriguez Espinosa (Spain), Mirjana Povic (Ethiopia), Katrien Kolenberg (Belgium), Pamela L. Gay (United States), Saeko S. Hayashi (Japan)
- Commission Presidents, Vice Presidents, and Secretaries (see section 7 for individual website)
 - C1: Paulo Sergio Bretones (Brazil), Boonrucksar Soonthornthum (Thailand), Michael T. Fitzgerald (Australia)
 - C2: Richard Tresch Fienberg (United States), Oana Sandu (Germany), Michael John West (United States)
 - C3: Wayne Orchiston (Thailand), Christiaan L. Sterken (Belgium), Sara Jane Schechner (United States)
 - C4: Gudrun B. E. Wolfschmidt (Germany), Juan Antonio Belmonte Aviles (Spain), Roger Ferlet (France)
- Advisor: Mary Kay Hemenway (United States)
- Inter-Division Commission B-C Protection of Existing and Potential Observatory Sites
President: Constance Walker (United States), Vice President: James Lowenthal (United States)

2. Face to face meeting at GA, August 2018, then web-based meetings in October 2018 and April 2019; plus email discussions

- Roles in the division and the commission
- Working Groups (see the list below)
- Symposia
- Nominations: associate member (4 so far, 1 is already listed on the IAU website),
- Ph. D. prize candidates (two nominations: Dr. Martin George, Australia and Dr. Jefferson Sauter, United States)[Note added in February 2020, now 5 nominations for 2020]
- Executed MoU (memorandum of understanding) between C2 and the OAO for planning and executing CAP Conferences
- Executed MOU between C2 and the International Planetarium Society (IPS) concerning mutual participation in each other's conferences

3. List of Working Groups (https://www.iau.org/science/scientific_bodies/working_groups/)

- Division Working Group
 - Star Names (Div. C)

- Inter-Division Working Group
 - Solar Eclipses (Div. C and Div. E)
- Commission Working Groups
 - Astronomy Competitions for secondary school students (C1)
 - Astronomy Education Research & Methods + Astronomy Education Research + Astronomy Literacy and Curriculum Development + teachers and Educators Training (C1)
 - Astronomy Education Resources AstroEDU (C1) -> work with OAE
 - Network for Astronomy School Education (NASE) (C1)
 - Communicating Astronomy with the Public (CAP) Conferences (C2)
 - Astronomical Heritage in Danger (C4)
 - Windows to the Universe: Classical and Modern Observatories (C4)
- Inter-commission Working Groups
 - Data-driven astronomy education and public outreach (DAEPO) (B2, C1, C2) [support?]
 - Achieving Sustainable Development within a Quality Lighting Framework (B7, C1)
 - Archaeoastronomy and Astronomy in Culture for 2018-2021 (C1, C3, C4)
 - Ethnoastronomy and Intangible Astronomical Heritage (C1, C3, C4)
 - Education and Training in Astrobiology (C1, F2, F3, H2)
 - Astrotourism + Starlight and World Heritage (C2, C4) merged and now “Starlight and World Heritage and Astrotourism (C4)
- Inter-Union and Inter-Commission WG.
 - Historical Radio Astronomy (Joint WG of IAU and URSI, the International Radio Science Union; within IAU, a joint WG of Commissions B4, Radio Astronomy, and C3, History of Astronomy)

Note

- WG on astronomy for equity and inclusion (chair. A. Ortiz) became WG directly under Executive Committee

4. IAU Symposia 2019 and other conferences - below are the ones Division C/its commission coordinated

IAUS 358 Astronomy for Equity, Diversity and Inclusion — a roadmap to action within the framework of the IAU 100th Anniversary

Dates 12-15 November 2019

Location Tokyo, Japan

Contact Lina Canas

Communicating Astronomy with the Public 2020

Dates: 21-25 September 2020

Location: Sydney, Australia

Contact: Oana Sandu

5. IAU Symposia 2020 - total of 25 discussed, below is the list which Division C is one of the coordinating divisions

IAUS 359 Galaxy Evolution and Feedback Across Different Environments

Dates 2-6 March 2020

Location Bento Goncalves, Brazil

Divisions C, D, J
Contact: Thaisa Storchi Bergmann
IAUS 366 The Origin of Outflows in Evolved Stars
Dates 5-10 October 2020
Location Leuven, Belgium
Divisions B, C, G, H
Contact Leen Decin
IAUS 367 Education and Heritage in the Era of Big Data in Astronomy: the first steps
on the IAU 2020-2030 Strategic Plan
Location Bariloche, Argentina
Dates 9 - 14 December 2020
Divisions A, B, C, E, F
Contact Beatriz Garcia

6. Commission activities

Inter-Division B-C Commission Protection of Existing and Potential Observatory Sites
(https://www.iau.org/science/scientific_bodies/commissions/B7/)

C1 Astronomy Education and Development
<http://iaucc1.frm.utn.edu.ar>
(https://www.iau.org/science/scientific_bodies/commissions/C1/info/)

C2 Communicating Astronomy with the Public
<https://www.communicatingastronomy.org>
(https://www.iau.org/science/scientific_bodies/commissions/C2/info/)

C3 History of Astronomy
https://www.iau.org/science/scientific_bodies/commissions/C3/
(https://www.iau.org/science/scientific_bodies/commissions/C3/info/)

C4 World Heritage and Astronomy
<https://www3.astronomicalheritage.org>
https://www.iau.org/administration/international_org_relations/unesco_awhi/
(https://www.iau.org/science/scientific_bodies/commissions/C4/info/)

*Name of the IAU offices

OAO: Office of Astronomy Outreach, based in National Astronomical Observatory, Tokyo, Japan

OAE: Office of Astronomy Education, based in Hous der Astronomie in Heidelberg, Germany

OAD: Office of Astronomy for Development, based in South African Astronomical Observatory in Cape Town, South Africa

OYA: Office for Young Astronomers, based in Norwegian Academy of Science and Letters in Oslo, Norway

(Information compiled as of February 19, 2020. Updated as of 3/13/2020.
Secretary Saeko S. Hayashi)