

Annual Report of IAU Commission A4 - 2019

Activities promoted and/or carried out by IAU Commission A4 (Celestial Mechanics & Dynamical Astronomy) during 2019 are detailed below. These are part of the work plan included in the original proposal of Commission A4.

1. Since 2019, the Committee promoted the organisation of the IAU Symposium 364 titled "Multi-scale (time and mass) dynamics of space objects". The Symposium was scheduled in Iasi, Romania, 6-10 July 2020. Although the symposium had already a large number of registered participants, it has been canceled due to the current health situation. The Symposium will be postponed to a date when its activities can be carried out in a safe way.
2. Since 2019, some members of IAU Commission A4 organised the "I-CELMECH Training School" held in Milano, Italy, within the Italian National Project "New frontiers of Celestial Mechanics: Theory and Applications". Slides and videos of the lectures and talks are available at <http://www.mat.unimi.it/I-CELMECH/index.php/training-school-lectures-talks/>
3. Some members of IAU Commission A4 promoted a topical collection within the journal "Celestial Mechanics and Dynamical Astronomy":
- "50 years of Celestial Mechanics and Dynamical Astronomy" (on-line at https://link.springer.com/journal/10569/topicalCollection/AC_099921925e89922029a852db7fbddf9)
4. Information and updates on Celestial Mechanics and Dynamical Astronomy are spread by Alessandra Celletti through the ResearchGate Project: <https://www.researchgate.net/project/Celestial-Mechanics-and-Dynamical-Astronomy>