

Annual Report 2021/2022

IAU Division G Working Group (WG) on Red Giants and Supergiants

Organizing Committee (OC):

Anibal García-Hernández (Spain), Biwei Jiang (China), Carolyn Doherty (Hungary), Emily Levesque (USA), Gioia Rau (USA, Chair), Jacco van Loon (UK), JJ Eldridge (New Zealand), John Lattanzio (Australia), Josef Hron (Austria), Keiichi Ohnaka (Chile), Marcelo Miguel Miller Bertolami (Argentina), Maria Lugaro (Hungary), Tomasz Kaminski (Poland)

Following the last 2018-2021 triennial report, we summarize our progresses as follows:

- Highly successful conference “GAPS 2021 - unsolved problems in red Giants And suPergiantS” (<https://gaps2021.wixsite.com/conference>) held completely virtual in June 2022, with >220 participants all over the world. Work in progress by the chairs & Science Organizing Committee (SOC) (i.e., the whole OC) on a white paper reporting the scientific progresses on red giants and red supergiants evidenced by the presentations at the conference. We are working on writing the white paper, and its publication on arXiv is forecasted for 2022.
- The WG OC members have previously joined the Editorial Board of the Monthly electronic AGB Newsletter, and are continuing taking turns in writing editorial opinion pieces. This is intended to trigger more responses and “articles” from the community, which indeed has been successful.
- We as OC are working on brainstorming ideas for activities that could aid to reinvigorate our community. For example, given the high success of last year's GAPS 2021 conference, we are pondering if to organize a new (virtual/hybrid) conference in 2023 (or later).
- Membership of the OC: we are discussing internally to the OC about the inclusion of members at large. This is a work in progress.
- As a reminder, malpractice (or good practice) in the astronomical community can be still reported anonymously to the IAU Division G Ombud.

In the coming year we will continue the discussions on relevant science topics through the “AGB Newsletter”, and through scientific meetings in which we will participate.