

## **Annual Report**

Commission B3, on Astroinformatics and Astrostatistics has been building bridges with other similar groups that are part of organizations like the International Astroinformatics Association (IAIA), the International Astrostatistics Association (IAA), the American Astronomical Society (AAS), the American Statistical Association (ASA), the International Virtual Observatory Alliance (IVOA), and many other national organizations so that collective progress can be made that does not reinvent wheels. As one part of the above, for instance, we will be co-sponsoring, with IAA, talks by winners of the IAA prizes. The B3 members are helping move the defunct ASAIP portal to GitHub pages with the help of Astrostatistics Interest Group (AIG).

The commission will continue engaging with major survey collaborations like ZTF, Gaia, SKA, LSST/Rubin so that big data and big sample problems can be attacked. The commission will be working closely with the alert brokers that are being developed in the US, Chile, England, France etc. and is becoming more relevant due to the growing data rates and associated issues.

Our members proposed a symposium for the 2021 GA that was accepted ('Machine Learning in Astronomy - Possibilities and Pitfalls').

Our members have contributed to many summer schools, and, during the times of pandemic, to various online events. Members continued to be active in various larger meetings.