B3 2022-11-09 Meetings

Owing to time differences, we held two separate meetings.
Attendees:
Stefano Andreon, Didier Fraix-Burnet, Ashish Mahabal (meeting 1)
Alberto Garcez de Oliveira Krone Martins, Ashish Mahabal, Petr Skoda, Ricardo Vilalta (meeting 2)

Individual updates:

Stefano:

- Astrostats & Astroinformatic seminar series continues, next seminar by Robotham on "Exploring the Limits of the Bayesian Universe: How to Tackle Breadth and Depth" https://sites.google.com/view/iau-iaa-seminar . Currently, a large fraction of the recorded seminar is publicly available to everyone (the remaining wait the 3 month embargo).

- Teaching of Bayesian methods continues: Munich (Germany) in May, Geneva (Swiss) in September, 3rd INAF school (Italy) in October: http://iaa.mi.oa-brera.inaf.it/IAA/thirdAstroStatisticsSchool.html

Ashish:

Brief reports on IAU GA: Symposium, focus meetings and LSST meetings (@Europe)
India's "decadal survey"
Forthcoming: Astroinformatics in Sesto: 20-24 march 2023:
https://www.sexten-cfa.eu/event/astroinformatics-2023/

Didier:

Do not hesitate to email to me and/or to our commission any information that could be published on the webpages and/or in the newsletter.

Petr:

There was a IVOA interoperability meeting in half of October
https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpOct2022
It was clearly shown that the VO becomes the crucial part of big project as Gaia and Rubin, can be run in cloud
https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpOct2022VOinCloud
And most of astronomical data will be processed in so called Science Platforms
https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpOct2022GWS.

To enable work with Gaia spectra (both low and high dispersion), the Topcat was modified and the demonstration of using this feature in a short demo was given on the example of massive processing of white dwarfs spectra https://wiki.ivoa.net/internal/IVOA/InterOpOct2022Apps/tcxp.pdf
There was also ADASS XXXII (or ADASS 2^5) in November https://www.adass2022.ca/
There were also numerous contributions focused on machine learning and statistics including demos of using science platforms for some machine learning (e.g. ESA Datalabs or ALeRCE broker https://www.adass2022.ca/schedule-1

A new system called Whova was used for registration, Q&A and channel management while the Zoom was launched automatically when joining session.

Alberto:

Gravitational lensing update.

Ricardo:

Potential tutorials in astrostatistics and astroinformatics of interest to computer science, statistics, and astronomical communities.

Current/ongoing activities:

Lecture series continuing to happen

Plans:

- Newsletter still in the offing
- Meanwhile short reports from teams doing work on A&A can be reported to the membership.
    - We could start with current brokers (Ashish to initiate)
    - Reports on various meetings attended by members
    - Panel summaries from S 368 could also be posted
- Pedagogical articles should also be written

Webpage updates:

- Include abstracts of seminar series
- Links to meetings
- Tutorials
- Create google form for automated processing of submissions from members
    - Check IAU posters
    - Check if other talks are public

Regular emails to be sent to all members

- solicit articles

- Encourage members of the commission to propose to organize a meeting at the IAU GA 2024 in South Africa. Deadline December 1st.

Other discussion:

Petr: we should revisit the idea of updating the website picture
(Showed one from Kai on PINK).

On 14th Nov. Kai was contacted and he likes the idea to find nice pictures for IAU web.
promised a lot of interesting pictures graphically appealing - I will push him to select some soon.
We have a planned teleconf on 28th Nov so I will bug him again.

Ashish: Pick pictures from proceedings?

Alberto: Enter into inter-society agreements?
Ashish: will have to go through IAU - they already have several “liaisons” (e.g. codata)
ACM, IEEE, SIAM, AAAI

Ashish: Hold a general meeting of all members?

Our next meeting: Somewhere near next AAS meeting (Jan 2023)