

DIVISIONS C-B / C 1, C 2, B 2 / INTER-COMMISSION WG DATA DRIVEN ASTRONOMY EDUCATION AND PUBLIC OUT- REACH - DAEPO

CO CHAIR **Chenzhou Cui**

TRIENNIAL REPORT 2015-2018

1. Main remarks

After its official announcement in April of 2017, DAEPO working group has already made progress.

In May, 2017, Chenzhou Cui introduced the IAU WG DAEPO at the International Virtual Observatory Alliance (IVOA) Interoperability Meeting in Shanghai, which was the first time a presentation about DAEPO was given at an international meeting. At the meeting, Chenzhou was elected as the Chair of the IVOA Education Interest Group (IVOA EduIG).

In July, Chenzhou and Shanshan Li attended the first International Symposium on Education in Astronomy and Astrobiology (ISE2A) in Utrecht in Netherlands. They gave two presentations on DAEPO and related activities from the Chinese Virtual Observatory (China-VO).

In October, the ADASS and IVOA Fall Interop were held in Santiago, Chile. A bird of a feather (BoF) session on Data-driven and VO-enabled Education and Citizen Science was organized by Chenzhou. In the BoF session, Ms. Janet Evans, Mr. Jonathan Fay and Dr. Chenzhou Cui presented their work related to DAEPO. Participants shared their experience and discussed how to efficiently leverage the data and VO-tools at hand to design and carry out education activities and citizen science projects.

In November, the first South Africa - China Bilateral Workshop on Big Data Astronomy and Astroinformatics 2017 were held in Cape Town. Feedback from audiences of the above events was very positive. The DAEPO initiative is considered very impressive and promising. The DAEPO has the potential to be an important new direction and new thinking for Astronomy education and public outreach.

The four DAEPO members discussed future work plans in detail. The plans include building a formal website for the WG and maintaining collaborations and resource sharing with existing scientific bodies such as EPO, professional astronomers and technical (VO, ADASS, Astroinformatics, etc.).

At the IAU GA in Vienna, Sze-leung Cheung (SOC co-Chair), president of the IAU OAO, will host a Focus Meeting (FM14) with the title IAUs role on global astronomy outreach, the latest challenges and bridging different communities.

More information is at:<http://daepo.china-vo.org/>

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chair of Working Group