

Astronomy Day in Schools (ADiS)

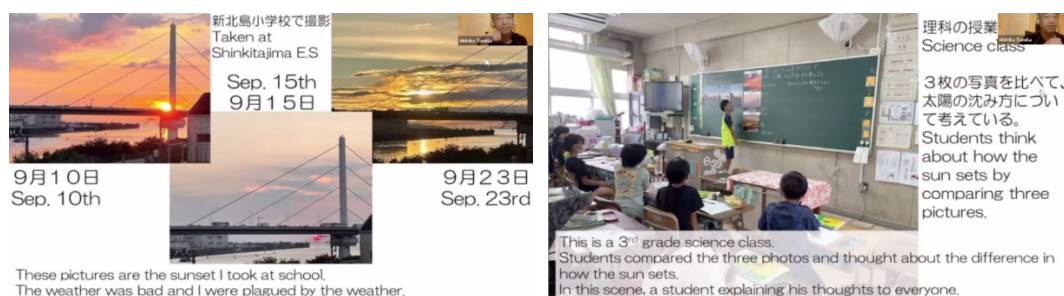
The Astronomy Days in Schools project, which began as one of the IAU 100 Global Projects, has been organized by the sub-WG of Astronomy Days in Schools under the WG of Astronomy Education Research & Methods.

The project website (<https://adis.narit.or.th/>) is hosted by the National Astronomical Research Institute of Thailand (NARIT) starting in 2021.



Top image banner of the ADiS website.

The project hosts a quarterly online program on the occasion of the equinox and solstice, which is a key feature of the project. Students and teachers from different countries present the astronomical, cultural, and social aspects in the scenes of their daily life and at their schools at that time.

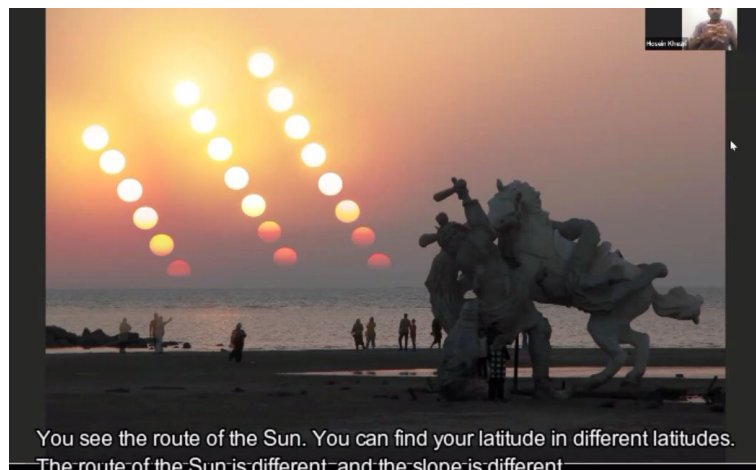


A snapshot of the ADiS September equinox 2022 program, an elementary school students learning about the sunset position, from Japan.



and connect with the stellarium, this is freeware,
and teach and train them how to teach students in the planetarium.

A snapshot of the ADiS September equinox 2022 program, student activity constructing mobile planetarium, from Thailand.



You see the route of the Sun. You can find your latitude in different latitudes.
The route of the Sun is different, and the slope is different.

A snapshot of the ADiS September equinox 2022 program, teaching material showing that the constant angle of sunset indicating the latitude of the site, from Iran.



although in these photos it is not very visible our popular decorations,
decorated with motives inspired by nature, flowers, leaves, or even birds.

A snapshot of the ADiS September equinox 2022 program, tradition and local culture introduced by students, from Romania.

Online programs at equinoxes and solstices in 2022, date and participating countries

- ✓ March equinox: on March 21, 2022, Japan, Iran, and the sub WG members
- ✓ June solstice: on June 28, 2022, Japan, Thailand, Iran, Bulgaria, Romania
- ✓ September equinox: on September 30, 2022, Japan, Thailand, Iran, Bulgaria, Romania, Egypt
- ✓ December solstice: December 23, 2022, Japan, Thailand, Iran, India, Russia, Bulgaria, Romania, Spain, Columbia, Peru

(March equinox in 2023: March 26, 2023, Japan, Thailand, Iran, Bulgaria, Romania)

An archive is available on our YouTube channel:

https://www.youtube.com/channel/UCZgkhOGcFwJGLVo_BnVzY9w (its shortened URL: <http://bit.ly/3uDICG4>), where edited videos with English subtitles are stored.



Top image banner of the ADiS YouTube channel with its logo.

Presentations

- ✓ “Launch of the new Astronomy Day in Schools (ADiS) and its results to date” Akihiko Tomita, Paulo Bretones, the 31st General Assembly of the IAU, Division Day - Division C, contributed talk (No.853), August 5, 2022, Busan, Korea.
- ✓ “Astronomy Day in Schools project: practice on equinoxes and solstices” Akihiko Tomita, Paulo S. Bretones, 9th International Conference on Geoscience Education (IX GeoSciEd), August 21, 2022, Matsue, Japan.
- ✓ “Classroom Activities Related to Equinoxes and Solstices: Examples from the Astronomy Day in Schools” Tomita Akihiko, Paulo Bretones, the 4th Shaw-IAU Workshop on Astronomy for Education, 15 and 16 November 2022, online.

We will present our latest activity at AstroEdu2023 (May 2023, Canada) and APRIM2023 (August 2023, Japan).

Member of the ADiS sub WG (alphabetical order of family name)

Kazuya Ayani, Bisei Astronomical Observatory, Japan

Hasan Baghbani, Iranian Teachers' Astronomy Union, Iran

Julie Bolduc-Duval, University of Toronto, Canada

Paulo Sergio Bretones, Universidade Federal de São Carlos, Brazil (co-chair)

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Saeed Salimpour, OAE, Germany

Boonrucksar Soonthornthum, National Astronomical Research Institute of Thailand, Thailand

Akihiko Tomita, Wakayama University, Japan (co-chair)

Astronomy Education Journal (AEJ)

About the Journal

AEJ aims to meet the needs of the astronomy education community by providing a location for all manner of practical, newsworthy and scholarly publications involving developments in the field. In a sense, the journal tries to capture the original spirit whilst taking on board the important lessons from the, now out-of-print, Astronomy Education Review. By focusing on building community collaboration, disseminating important news and opinions, while also maintaining a section on more formal, technical, Astronomy Education Research (AER).

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Archives

Vol. 1 No. 1 (2021)

Vol. 2 No. 1 (2022) New issue in 2022

Vol. 2 No. 1 (2022): Astronomy Education Journal - December 2022



Welcome to the second issue of the Astronomy Education Journal

Published: 2022-12-22

See the website: <https://astroedjournal.org/>

Astronomy Education 2023 (AstroEdu2023) (to be held in 2023)



Top image banner of the AstroEdu2023 website (<https://astroeducon.org/2023/>).

The inaugural AstroEdu Conference in 2019 showed that there is a need for a conference dedicated to bringing together researchers and practitioners from the astronomy, astronomy education, general education and other communities. The second AstroEdu Conference will adhere to this mission, and will provide an overview of what has happened in the five years and look ahead into the future.

2023 Conference Themes

- ✓ Theory and Methodology: Astronomy Education Research
Highlighting the developments and innovations in research methodologies and theoretical perspectives.
- ✓ Tangible Outcomes: Astronomy Education Practice
Highlighting the innovations in bringing astronomy into the classroom and beyond.
- ✓ The Future of Astronomy Education
Learning from the past, building the present, and looking forward to the future

WHERE

University of Toronto, Toronto, Canada

WHEN

Wednesday to Friday, 10th to 12th May 2023

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