

# IAU- NASE

Network for Astronomy School Education

## Courses in Co-operation



# Courses in Co-operation 1

- Comenius Astronomy course EAAE-IAU of EU (satellite Course of Astronomy and Mathematics International Conference of IAU)

**in Madrid, Spain 26 November - 1 December 2009**

Co-operation with Consejo Superior de Investigaciones Científicas CSIC





# Course in Co-operation 2

- **14th EAAE-IAU Summer School in Varna, Bulgaria, July 2010**  
Co-operation with European Association for Astronomy Education,  
Astronomical Observatory and Planetarium “Nicolaus Copernicus” and  
Ministry of Education of Bulgaria



# Courses in Co-operation 3

- Pourquoi enseigner l'astronomie-astrophysique? Atelier de la Formation des professeurs de Lycee (satellite Taller of Symposium International n. 277 of IAU)  
in **Ouagadougou, Burkina Faso 14-15 December 2010**  
Co-operation with IAU–TAD Teaching Astronomy for Development





# Courses in Co-operation 4

**15th EAAE-IAU Summer School in Heidelberg, Germany July 2010**

Co-operation with European Association for Astronomy Education,  
House of Astronomy and Max Planck Institute



# Courses in Co-operation 5

- Astronomy Course for Primary School Teachers
- in **Cape Town, South Africa, 20 August 2011**
- Co-operation with con SAOO Observatory and OAD of IAU





# Courses in Co-operation 6

- Teacher Training Course
- in **Beijing, China, August 2012**
- Co-operation with Beijing Planetarium endorsed by IAU GA
  - English and Mandarin



# Courses in Co-operation 7

- **16th EAAE-IAU Summer School in Enontekiö, Finland July 2012**

Co-operation with European Association for Astronomy Education and  
University of Helsinki





# Courses in Co-operation 8-9

- 17th EAAE-IAU Summer School in Niepolomice, Poland July 2012
- 18th EAAE-IAU Summer School in Niepolomice, Poland July 2013

Co-operation with European Association for Astronomy Education and Youth  
Astronomical Observatory in Niepolomice



# Courses in co- operation 10-16

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in Foz de Igauçu, Brasil

27 March -1 June 201, 21 March – 25 May 2013,  
6 August – 53, 20 March – 18 May 2013,  
19 March – 11 May 2013 October 2013, 2 August – 28  
September 2013, 5 August – 19 October 2013





# Courses in Co-operation 17

- Teacher Training Course
- **in S. Luis Potosi, Mexico, 23th November 2013**
- Co-operation with Escuela Estudios Superiores del Magisterio Potosino
  - **In Spanish**



# Courses in Co-operation 18

- 19th EAAE-IAU course in Astronomy Education in **Enontekiö, Finland, 28 - 30 December 2013**

Co-operation with European Association for Astronomy Education, EAAE, and Helsinki University





# Courses in co- operation 19-29

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in **Foz de Igauçu, Brasil**

**12 March -17 June 2014, 19 March – 30 June 2014,  
20 March – 1 July 2014, 2 June – 27 June 2014,  
12 August – 18 October 2014, 5 August – 20 September 2014,  
11 August – 11 October 2014, 13 August – 11 October 2014,  
14 August – 25 October 2014, 14 Auguts – 25 October 2014,  
11 September – 11 October 2014**



# Courses in Co-operation 30

- 20th EAAE-IAU course in Astronomy Education in **London, UK, 20-24 July 2015**

Co-operation with European Association for Astronomy Education, EAAE and Royal Astronomical Society





# Courses in co-operation 31-34

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in Foz de Igauçu, Brasil

27 April – 30 May 2015, 10 Auguts – 19 September 2015,  
2 September – 14 November 2015,  
1 September – 21 November 2015



# Courses in Co-operation 35

- 3<sup>a</sup> Sessió Seminari Permanent de Física i Química in **Barcelona, Spain, 15 January 2016**

Cooperation with CESIRE and Generalitat de Catalunya





# Cursos en cooperación 36-40

Cursos para profesores en co-operación con el Polo Astronómico Casimiro Montenegro Filho de **Foz de Igauçu, Brasil**

**3 August – 12 November 2016, 30 August – 22 October 2016,  
14 March – 21 May 2016, 2 March – 4 June 2016,  
23 March – 9 June 2016**



# Courses in Co-operation 41

- 21th EAAE-IAU course in Astronomy Education in **Loulé, Portugal, 11-15 July 2016**

Cooperation with European Association for Astronomy Education, EAAE, and Municipality of Loulé





# Courses in Co-operation 42

- course in the Planetario de Medellin and Parque Explora in **Medellin, Colombia, 15 October 2016**



# Courses in Co-operation 43

Course for teachers in co.operation Fédération Autonome de l'Enseignement – SAFI and Universidad Al Akhawayn, Ifrane, Morocco, **20 – 23 October 2016**





# Courses in Co-operation 44

Course for teachers in co-operation with the pôle astronomique  
C. Montenegro Filho de Foz de Igauçu, Brasil, Secretaria  
Municipal de Educação de **Toledo** in **22 May to 10 June 2017**  
with Universidade Federal da Integração Latino-Americana  
Unila



# Courses in co-operation 45

Course for teachers in co-operation with the Faculty of Mathematics and Natural Sciences of National University of Cuyo in **Mendoza** from **August 31 st to September 9th 2017**





# Courses in Co-operation 46

Course for teachers in co-operation with pôle astronomique C. Montenegro Filho de Foz de Igauçu, Brasil, Secretaria Municipal de Educação de **Santa Helena 2 August to 28 October 2017** with la Universidade Federal da Integração Latino-Americana Unila



# Courses in Co-operation 47

Course for teachers in co-operation with pôle astronomique C. Montenegro Filho and la Secretaria Municipal de Educação de **Foz de Igauçu, Brasil, 3 August to 11 November 2017** with la Universidade Federal da Integração Latino-Americana Unila





# Courses in Co-operation 48

- 1st Formación para Olimpiadas en **Cobija, Pando, Bolivia, 30 November – 1 December 2017**

Co-operation with Viceministerio de Educación de Bolivia



# Courses in Co-operation 49

- Training teachers course in **Kagoshima, Japan, March 31 2018**

Co-operation with UNAWE and Kagoshima University





# Courses in co-operation 50

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in **São Miguel do Iguaçu, Brasil**, Secretaria Municipal de Educação de Paraná, 19 February to 12 May 2018



# Courses in co-operation 51

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in **Itaipulândia, Brasil**, Secretaria Municipal de Educação de Paraná, 20 February to 19 May 2018





# Courses in co-operation 52

Teacher Training Courses in co-operation with Polo  
Astronômico Casimiro Montenegro Filho in Toledo, Brasil,  
**Secretaria Municipal de Educação de Paraná, 13 August to  
22 September 2018**



# Courses in co-operation 53

Teacher Training Courses in co-operation with Polo Astronômico Casimiro Montenegro Filho in **Foz do Iguaçu, Brasil**

**3 July to 6 November 2018**





# Courses in co-operation 54

Teacher Training Course in co-operation ISPI N° 9156  
“Nuestra Señora del Perpetuo Socorro” de Chañar  
Ladeado, Santa Fe, Argentina.

**9 - 10 November 2018**



# Courses in co-operation 55

Teacher Training Course in co-operation ISPI N° 9156  
“Nuestra Señora del Perpetuo Socorro” de Chañar  
Ladeado, Santa Fe, Argentina.

22 February 2019





# Courses in co-operation 56

Teacher Training Courses in co-operation with  
Science on Stage Italy in **Padova, Italy**  
**29 to 30 March 2019**



# Courses in co-operation 57

Teacher Training Courses in co-operation with Dept.  
d'Educacio Generalitat de Catalunya and Programa  
Magnet in **S. Viçens dels Horts, Spain**

**25 November 2019 – 4 February 2020**





# Courses in co-operation 58

Teacher Training Course in co-operation with SAAC (Sociedad de Astronomos Aficionados de Coclé) in **Panamá, Republic of Panamá**

**15 October 2020**



# Courses in co-operation 59

Teacher Training Course in co-operation with SAAC (Sociedad de Astronomos Aficionados de Coclé) and Academia Internacional de Boquete in Chiriquí Republic of Panamá

7 November 2020

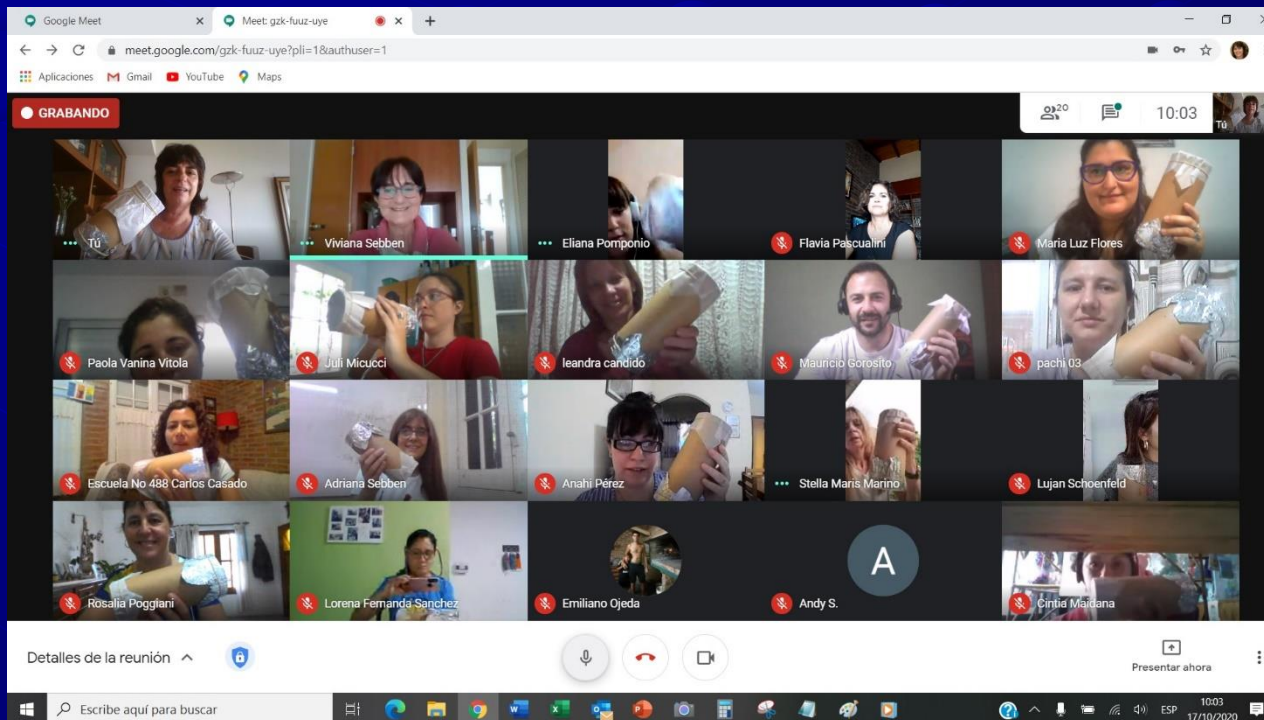




# Courses in co-operation 60

Teacher Training Course in co-operation BIBLIOTECA POPULAR “Bernardino Rivadavia” de Pujato, Santa Fe, Argentina.

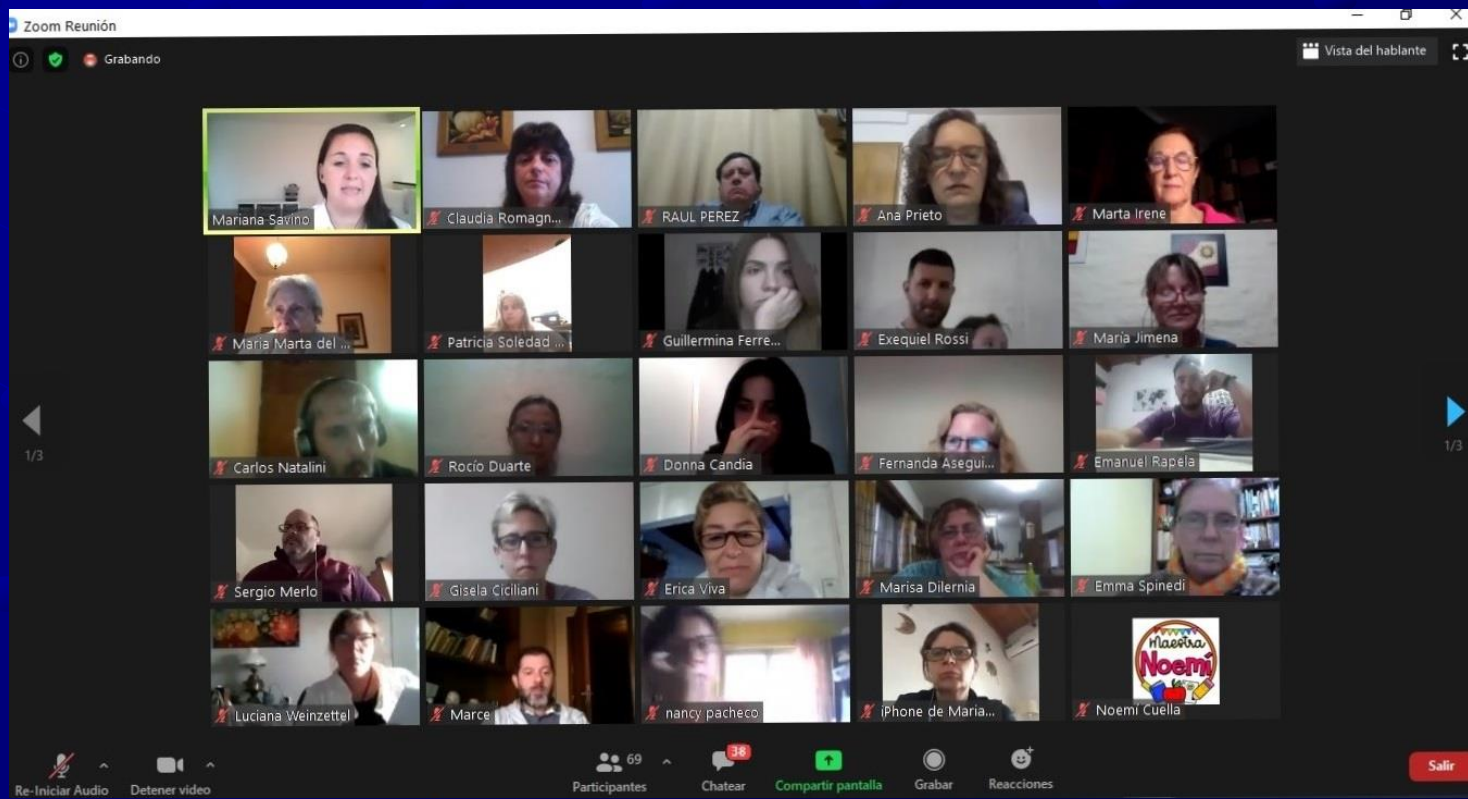
10 to 24 October 2020



# Courses in co-operation 61

Teacher Training Course in co-operation Globe  
Lationamérica y Caribe, Globe Argentina and Globe  
Chile, Santa Fe, Argentina.

**26 August to 4 November 2020**

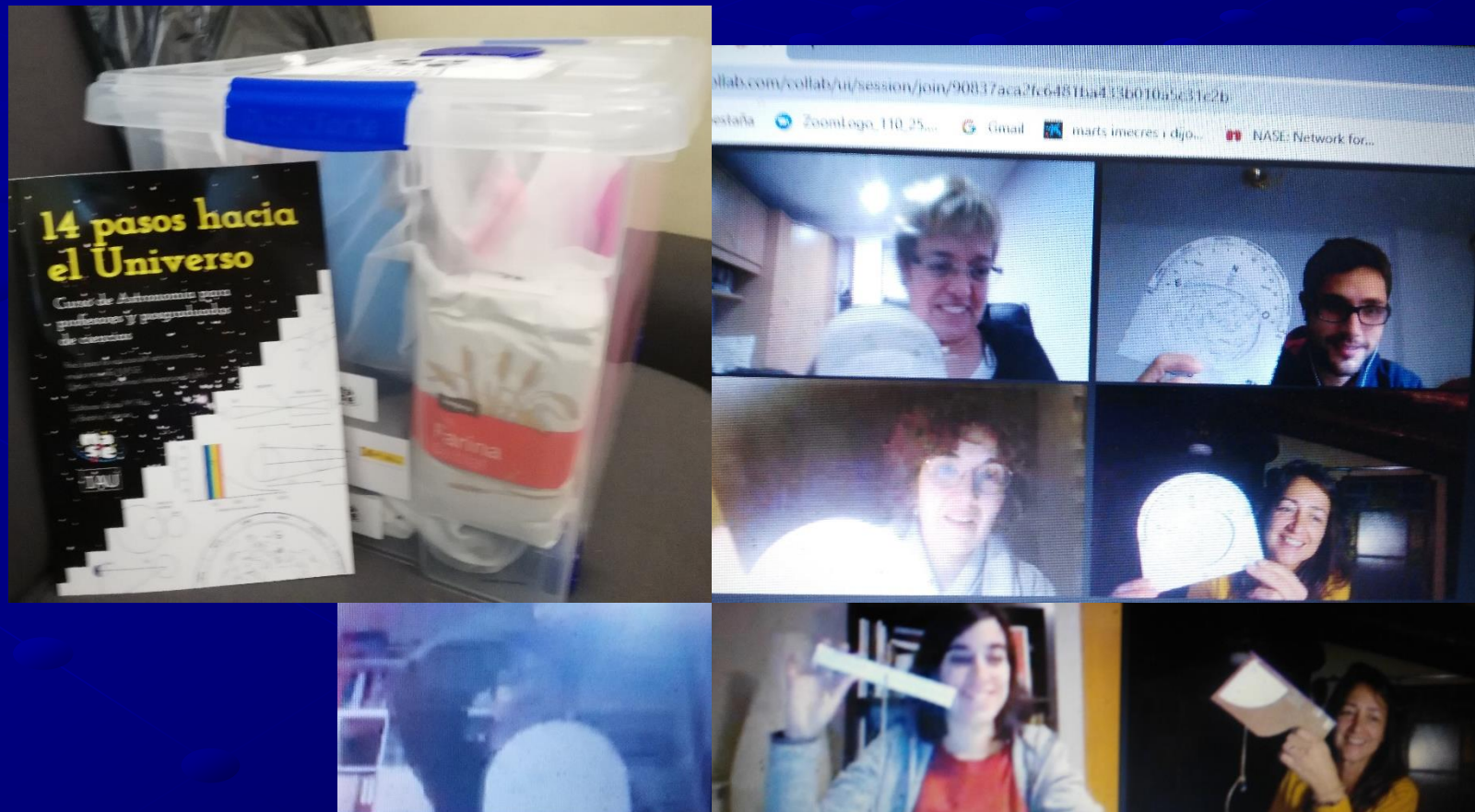




# Courses in co-operation 62

Teacher Training Course in co-operation with Generalitat de Catalunya and University of Lleida, Lleida, Spain.

12-18 November 2020




# Courses in co-operation 63

Teacher Training Course (satellite Course of Astronomy of IAU Symposium 367), Mendoza, Argentina.


10th December 2020

Education and Heritage in the  
Era of Big Data in Astronomy

«NASE workshop: Eclipses!!  
for Europe and Latin America  
(in Spanish)»



Rosa Ros  
Ricardo Moreno  
Beatriz García  
Claudia Romagnoli  
Viviana Sebben



|                     |                    |                       |                     |                     |
|---------------------|--------------------|-----------------------|---------------------|---------------------|
| Ricardo More...     | Rosa Maria Ros     | Viviana Sebben        | Beatriz García      | Walter Guevara ...  |
| Paulo Sobreira      | Nicoletta Lanciano | Liliana Afrodita B... | Agita Quispe        | Anaely Pacheco ...  |
| José Manuel Vaq...  | Marleny Tarquino   | Nicolas Maffione      | Manuel Núñez Di...  | Monica Mborrayo     |
| CristianGoez Col... | Daniel Gastelu     | Madeline Rojas        | Durruty Jesús de... | Lorena Zibecchi     |
| Mónica Alejandr...  | Ángel Pérez Nav... | Néstor Camino         | Ligia del Carmen... | Maximiliano Mo...   |
| Lorena Zibecchi     | Mónica Alejandr... | Ángel Pérez Nav...    | Néstor Camino       | Ligia del Carmen... |
| Maximiliano Mo...   | Ruth Soria         | Alexis Mancilla       | Guillermo Berna...  | Javier Maya         |
| Jorge escudero      | Olga Pintado       | Beatriz García        | PatricioRojo        | Breezy Ocana Fla... |





# Courses in co-operation 64

Teacher Training Course in co-operation with “STEM for GIRLS in Ethiopia” by UNESCO, Addis Ababa, Ethiopia.

11 February 2021



# Courses in co-operation 65

Teacher Training Course in co-operation with “CLEA” in Gap, Francia.

**18-25 Agosto 2021**





# Courses in co-operation 66

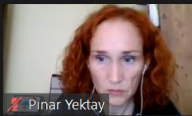

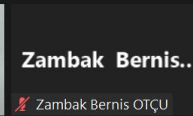
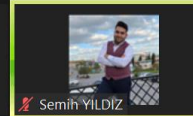




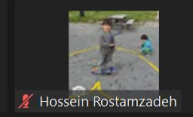
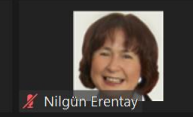


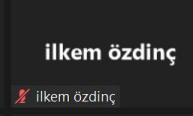
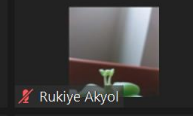

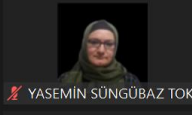
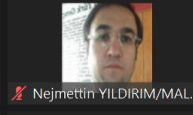

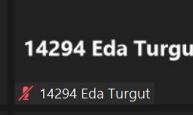
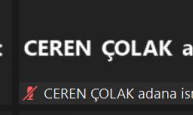
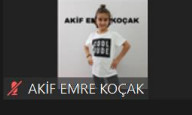
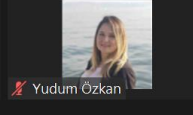
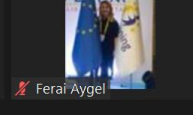
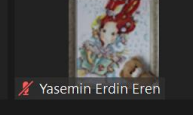

Teacher Training Courses in co-operation with  
Science on Stage, Cumartesi, Turkey

25 September 2021

**Science & Environmental Education**  
25 SEPTEMBER 2021  
Workshop 2  
Astronomy Promoting  
Eclipsis  
**PROF. DR. ROSA M. ROS**  
Politechnical University  
of Catalonia, SPAIN



Grabando

|  |  |   |   |   |
|--|--|---|---|---|
| <br>Pinar Yekta            | <br>Rosa Maria Ros Ferre        | <br>Zambak Bernis OTÇU | <br>Semiñ YILDIZ         | <br>HÜLYA SAÇLI        |
| <br>Vizyon Koleji          | <br>Onuralp GÖTÜRÜCÜ            | <br>Kath Nugent        | <br>Hossein Rostamzadeh  | <br>Nilgün Erentay     |
| <br>Elif Önbey            | <br>Hayri Başkuş               | <br>İlkem özdiñç      | <br>Rukiye Akyol        | <br>Candan Kılbul     |
| <br>YASEMIN SÜNGÜBAZ TOK | <br>Nejmettin YILDIRIM/MAL... | <br>Fatoş KINAY      | <br>14294 Eda Turgut   | <br>CEREN ÇOLAK a... |
| <br>AKİF EMRE KOÇAK      | <br>Yudum Özkan               | <br>Feraî Aygel      | <br>Yasemin Erdin Eren | <br>na se            |

Windows taskbar: 62% battery, 26°C Mayorm....

# Courses in co-operation 67

Teacher Training Courses in co-operation with IES  
Torre Vicens, Lleida, Spain

**10 November 2021**





# Courses in co-operation 68

Journée de L'Astronomie et Découvertes Spatiales,  
Parakou, Benin

**6 August 2022**



# Courses in co-operation 69

Training Course in co-operation with Irkutsk  
Planetarium, Mishelevka, Russia

**26 August 2023**





# Courses in co-operation 70

Ethiopian Space Science Society, Jigjiga University,  
IAU-OAE, and Ethiopian Space Science and  
Geospatial Institute, Jigjiga, Ethiopia

**2-3 Dicembre 2023**

