

6<sup>th</sup> Conference

# Space Teachers

November 15<sup>th</sup> - 16<sup>th</sup> · Pavilion of Knowledge, Lisbon



Friday, 15<sup>th</sup> November

**9.30 am Registration**

**10 am Opening**

Chiara Manfretti · *President of the Portuguese Space Agency (Portugal Space)*

Clara Cruz Niggebrugge · *ESERO & European STEM Education Projects Coordinator (ESA Education)*

Carlos Catalão · *Member of the Board of Directors of Ciência Viva*

**10.15 am Education in the National Strategy for Space**

Special address: Chiara Manfretti · *President of the Portuguese Space Agency (Portugal Space)*

**11.15 am Award of Space Teacher 2019 Badges**

**11.30 am From Data Science to Artificial Intelligence:  
New conceptual frameworks for space education**

Carlos Catalão · *Member of the Board of Directors of Ciência Viva*

**12.30 pm Lunch break**

**2 pm Presentation of ESA school competitions**

**2.30 pm Presentation of ESERO Portugal resources**

**3.00 pm Mineral Evolution - Mineralogy in the 4<sup>th</sup> Dimension**

Álvaro Pinto · *FCUL / IDL; Centro Ciência Viva do Lousal*

**4.00 pm Coffee break**

**4.30 pm Planetary safety: how to deflect an asteroid**

Teresa Ferreira · *Space Director GMV Portugal*

**5.30 pm Parallel Workshop A**

**7.30 pm Conference Dinner**

**9 pm Space Law: appropriation of the Moon and Mars? // Panel discussion (open to the public)**

Magda Cocco · *Vieira e Almeida Advogados*

Maria Paula Diogo · *FCSH-UNL*

Daniel Folha · *IA and CESPU*

Saturday, 16th November

**9.30 am** Parallel Workshop B

**11 am** **ESEROs contribution for Education and the forthcoming ESA missions**

Special address: Clara Cruz Niggebrugge · *ESERO & European STEM Education Projects Coordinator (ESA Education)*

**12.00 pm** Lunch break

**1.30 pm** **Facts of life: here, on Earth and elsewhere...**

António Veríssimo · *CFE Centre for Functional Ecology da UC*

**3 pm** Parallel Workshop C

**4.30 pm** **What is an analogue astronaut?**

João Lousada · *ISS Columbus Flight Director, GMV Insyen AG*

**5.30 pm** Coffee break

**6 pm** **Wrap-up of the sessions**

**6.30 pm** **Award of Participation Certificates and closure**

Ana Noronha · *Executive Director of Ciência Viva*

**Parallel Workshops in slots A, B and C** // Teachers choose 3 out of 6 practical workshops

**Workshop 1 • Planetary Geology**

Pedro Coimbra · *Ciência Viva*

**Workshop 2 • 3D Printing**

Aurora Batista · *BeeVeryCreative*

**Workshop 3 • Hydroponics**

Nuno Antunes, Vasco Coração · *Pavilhão do Conhecimento – Centro Ciência Viva*

**Workshop 4 • Learning applications of AI in space education: a practical exercise**

Carlos Catalão · *Ciência Viva*

**Workshop 5 • Code: programming a bionic hand**

João Campos, Nelson Rebelo · *Ciência Viva*

**Workshop 6 • Building water rockets**

Eduardo Ferreira · *NAV Portugal*