

## Order form

Planetarium \_\_\_\_\_  
with a dome diameter of \_\_\_\_\_ metres and \_\_\_\_\_ seats  
would like to order *Water: a cosmic adventure*.  
(available in September 2012)

Plus set of add-on modules : Yes No

Are you interested in a Stereoscopic 3D version of this show?

Yes – please make us an offer for this option.  
 No

The Planetarium Director/responsible  
\_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Price (15 year licence)	Digital fulldome (Incl. LSS)	Analog	Portable digital planetariums
Basic	45€/seat	30€/seat	600€
Special price APLF & GDP members	35€/seat	23€/seat	400€
Subscription offer available only until 31 August 2012	25€/seat	17€/seat	400€
Add-on module set Special price until 31 August 2012	7€/seat 5€/seat	N/A	150€ 100€

The special offer is only valid until 31 August 2012. Licences have 15 year duration. Add 7 % VAT to the prices above as well as 150€ for hard disk and associated costs. Shipping within Europe is 16€, and to other countries 25€.

Contact: APLF email: [aplf-planetariums@orange.fr](mailto:aplf-planetariums@orange.fr)

# Water

## A Cosmic Adventure

*Water is essential for life to exist on Earth, but where did it come from?*

*Are there planets similar to ours?*

*Where do we come from?*

*The Universe holds the answers...*





A new planetarium show, created by the Association des Planétariums de Langue Française (APLF) in collaboration with Hamburg Planetarium and the European Southern Observatory (ESO) celebrates our relationship with water and the cosmos.

Join astrophysicist Eva Luna as she explores the turbulent origins of hydrogen and oxygen in the Universe and discover how they combined to form one of the most essential molecules on Earth, H<sub>2</sub>O. The backbone of life as we know it.

Thanks to realistic 3D animations and breathtaking live footage this story takes you on a journey to the Atacama Desert in Chile, where ESO's ground-breaking telescopes assist in the search for new planets containing this essential molecule. Where there is water, there can be life....

### ESO's 50th Anniversary

The year 2012 marks the 50th anniversary of ESO, the most productive ground-based observatory in the world. The show, *Water: a cosmic adventure* highlights some of ESO's greatest achievements over the past 50 years as it showcases some of the most spectacular images of La Silla Observatory, the Very Large Telescope and never before seen 3D models of the planned European Extremely Large Telescope (E-ELT).

### The Team

**Directed by:** Didier Grosjean

**Produced by:** APLF (Prof. Agnes Acker, Strasbourg University & Strasbourg Astronomical Observatory) & The Master Film Society

**Advisors:** Thomas W. Kraupe (Hamburg Planetarium) & Lars Lindberg Christensen (ESO)

*Water: a cosmic adventure* is APLF's third partnership with ESO after *In Search of our Cosmic Origins* (2009, 65 Planetariums across the world) and *Mysteries of the Southern Sky* (for ESO's 40th anniversary, 2002, 40 planetariums).



### Soundtrack and Visuals

*Water: a cosmic adventure* is a 30 minute show. It is available in English, German and French.

The soundtrack has been recorded in digital 5.1 surround sound (spatialised wave format) and the 3D-360° images were captured using the state-of-the-art RED-EPIC© 5k camera.

The show is available in two formats:

- Fulldome video in standard 4k x 4k resolution (and 1k for small or mobile domes). Compatible with all standard digital fulldome systems (SkyScan, Evans & Sutherland, RSAcosmos, Zeiss, SkyPoint etc.)
- Classical analog showkit (images in high resolution, all sky panoramas, and windows-format videos and images)

### Optional Add-Ons and Upgrades

The full show will also be made available in Stereoscopic 3D (price will be shared by interested theatres).

A set of add-on modules (10 minutes each), allowing post-show live-interaction with the audience, to strengthen and update some scientific issues presented in the main show will be available after September 2012 (only in fulldome format).

The following modules are in planning:

- The E-ELT
- Water on Earth
- Water on Mars
- Drake Equation and Exoplanets