

# Explained in 60 Seconds

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**Fulldome**

Fulldome videos are primarily science documentaries that are projected onto a domed surface, typically in a planetarium. Many fulldome videos deal with astronomy, but other subjects are also appropriate, especially those relating to topics or environments

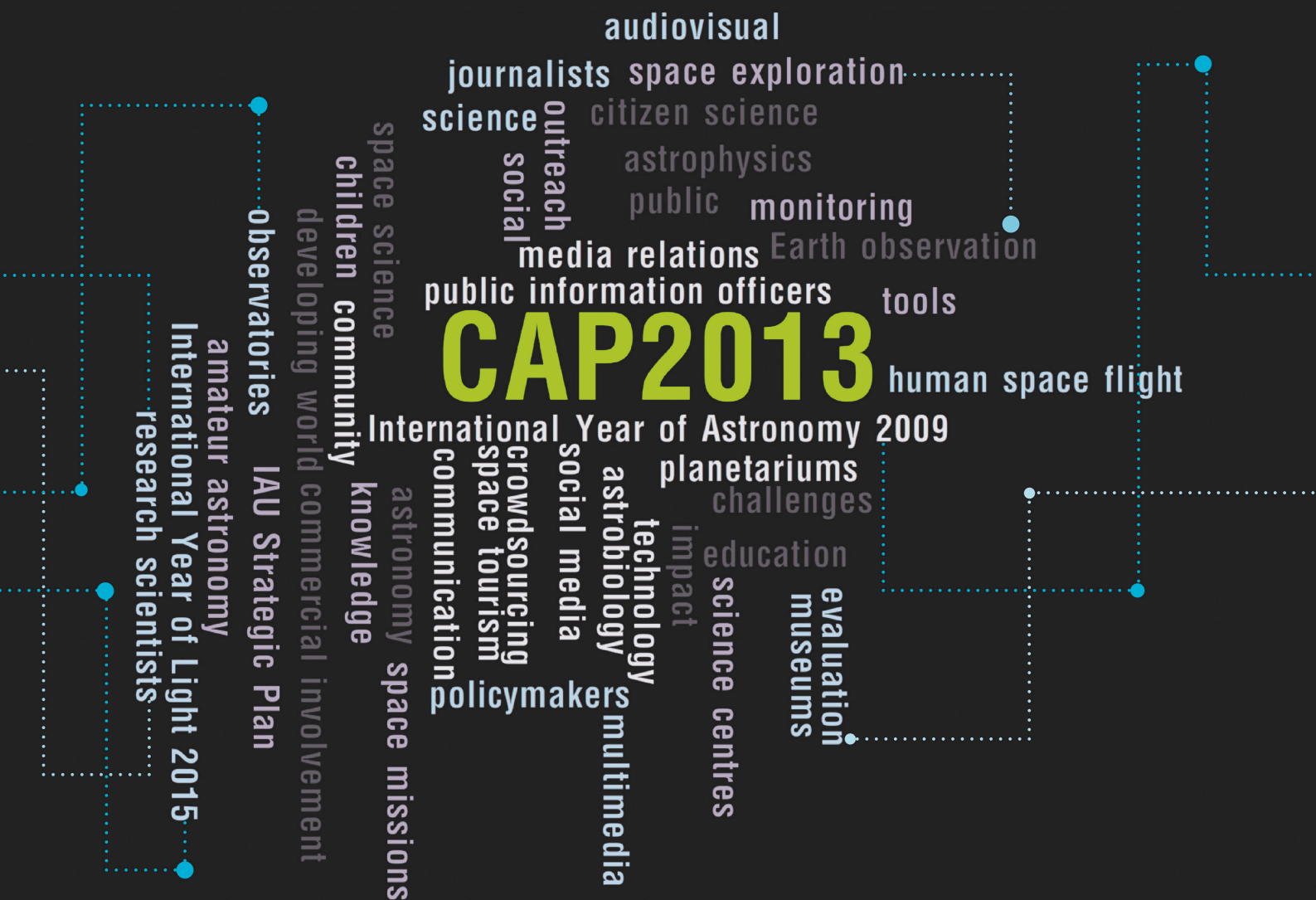
that are difficult or impossible to experience, such as being deep underwater, inside the human body or in the future. We like to think of a flat-screen video as a window into another world, but with a fulldome video you can poke your head up inside that

world and become immersed within it; think of a 3D animated movie crossed with IMAX and put it in a planetarium.



**Figure 1.** Audiences are immersed in another world in a fulldome theatre.  
Credit: Morehead Planetarium and Science Center

## Challenges in the Communication of Astronomy and Space Exploration



## Main topics:

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|--|---|--|
| <ul style="list-style-type: none"> <li>• Research scientists and industry representatives as producers of astronomical and space-related information</li> <li>• Public information officers, connected with large observatories and space missions</li> <li>• Science journalists</li> <li>• Staff members from museums, science centres and planetariums</li> </ul> | <ul style="list-style-type: none"> <li>• Social media for astronomy outreach</li> <li>• Media relations</li> <li>• Multimedia communication, including tools and techniques</li> <li>• Crowdsourcing and citizen science projects</li> <li>• Alternative ways for communicating astronomy with the public</li> <li>• Using astronomy outreach to thrill children with science and technology</li> </ul> | <ul style="list-style-type: none"> <li>• Evaluation, impact and monitoring of outreach projects</li> <li>• Support for science policymakers</li> <li>• Social impact of astronomy communication</li> <li>• Astronomy communication in the developing world</li> <li>• Communicating Astronomy with the Public in the context of the IAU Strategic Plan</li> <li>• CAP community involvement in International Year of Light 2015</li> </ul> |
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International Astronomical Union  
Division C Commission 55  
Communicating Astronomy with the Public

[www.communicatingastronomy.org/cap2013](http://www.communicatingastronomy.org/cap2013)



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