

## Contents

Explained in 60 Seconds: The Ripples on Everyone's Lips	4
A Guide to Licensing Astronomy Outreach Products	5
Communicating Astronomy to Children in Unconventional Locations	10
Interdisciplinary Approaches to Astronomy: The Music of the Spheres (Part 2)	14
Ode to Hubble: Inspiring Science through Art	19
Astro Homus: Revealing the Astronomers behind the Science	25
How to Simulate the Surface of a Cometary Nucleus for Public Science Demonstrations	30
Bell3D: An Audio-based Astronomy Education System for Visually-impaired Students	35

## Editorial

Nine years after the first issue of CAPjournal was released in 2007 comes this, our twentieth issue of the journal. Those nine years have seen vast developments in astronomy and the way it is communicated the world over. New online infrastructure has made information about astronomy more accessible and observatories, research centres, and universities are able to bring their discoveries to the wider world more easily than ever before.

Changes in the tools available to us have led to remarkable innovation in our field as more people dedicate their careers to communicating astronomy better, more widely, and with those who may previously have been excluded from it.

In this issue practitioners share with us new sonification software designed to bring the Universe to the visually impaired, they reflect on the impact social-media-driven competitions can have, and they discuss projects that engage with the people behind the science in an attempt to counter traditional, and ever more outdated, views of science and the scientist.

But with all changes come challenges, and we also find here articles addressing some of the issues that have arisen with the age of internet sharing. On page five practitioners explain and explore licensing and the changes scientists, and science communicators, may have to make in the face of a more engaged public and a more accessible world.

Many thanks once again for your interest in CAPjournal, and I remind you that if you have an article to share with the community, would like to comment on articles in this or previous issues, or have a letter to the editor that you would like us to publish you are welcome to get in touch.

I look forward to hearing from you and happy reading,

Compand a

Georgia Bladon Editor-in-Chief of CAPjournal

one of the following journal sections:

## News

**Explained in 60 Seconds** 

Announcement

- **Best Practice**
- **Research & Applications**

Column

**Review** 

Cover: This still from a computer simulation shows how the collision of two black holes might look. Last year, for the first time, astronomers detected ripples in spacetime caused by the collision and merging of two such black holes. These ripples, or gravitational waves, were detected by the Laser Interferometer Gravitational-Wave Observatory, LIGO. Credit: SXS, the Simulating eXtreme Spacetimes (SXS) project