



Editorial

Since publication of the last issue of CAPjournal, there have been two significant conferences of relevance to our community. The first was the Communicating Astronomy with the Public conference (CAP2018) which was held in Fukuoka, Japan, in March with more than 400 participants in attendance. More recently, the IAU 30th General Assembly (GA) was held in Vienna, Austria, in August.

As part of the IAU GA the new IAU Strategic Plan for the 2020–2030 period was launched. The plan lists actions on how the IAU will engage the public in astronomy including the establishment of a new IAU office — the Office of Astronomy for Education (OAE). The full plan is available on the IAU website, if you have any ideas on implementing these actions, please feel free to contact us.

As we know, astronomy research can drive technological advancement and, at the same time, technologies create new ways for us to communicate research. In this issue, you will find articles exploring these uses of technology, including the use of virtual observatories, virtual reality technologies, video and animations.

With the IAU 100th anniversary celebrations in full swing now is an excellent time to conduct outreach activities, don't miss it and don't forget to tell us what you are doing to contribute. I would also like to ask once more for your help in providing feedback on CAPjournal by filling in a survey (see page 24). Your opinions and inputs are much appreciated. In the meantime, happy reading.

Clear skies,

Sze-leung Cheung
Editor-in-Chief of CAPjournal

Contents

Explained in 60 Seconds: Virtual Observatory	4
IAU100 Celebrations Launched at the IAU General Assembly in Vienna	5
Costellazione Manga: Explaining Astronomy using Japanese Comics and Animation	7
Walking Through an Exploded Star: Rendering Supernova Remnant Cassiopeia A into Virtual Reality	17
Engaging the Public with Supernova and Supernova Remnant Research Using Virtual Reality	25
Videos for Astronomy Education and Outreach	32
Your Night out under the Stars: Reaching beyond Native Audiences	40
The World at a Glance	50

Submit articles for one of the following journal sections:	News
	Announcement
	Interview
	Opinion
	Resources
	Best Practice
	Review
	Research & Applications
	Correspondence
	Column

Cover: A virtual reality experience using 3D data of Cassiopeia A allows the user to walk inside the debris from a massive stellar explosion. More on page 17. Credit: NASA/CXC/SAO/ E. Jiang.