

This is the scientific report concerning the Information Universe 2018, which took place **from 3-6 July 2018** in **Groningen** at the **DOT planetarium**. See our **IU2018 website**: <http://www.informationuniverse.rug.nl/>

The Information Universe conference brought over **eighty scientists** from eighteen different countries around the world together in the center of Groningen to spend four days in the "DOTliveplanetarium", former Infoversum, with a spherical screen of twenty meters in diameter. During the conference, forty participants presented their most recent research, while the full dome screen functioned as the ultimate medium to make the most complex subjects tangible: from recent Gaia results to a 3D presentation from numerical simulations of signals passing through the neurons in the human brain. Among the speakers were seven top experts in the field of information in different systems: space-time, quantum computers, huge datasets, the human brain, complex structures on Earth and in the Universe. All this took place in order to find the answer to one overarching question: 'What is the role of information in our Universe?'

You can find all **participants** of the conference at this link: <http://www.informationuniverse.rug.nl/participants.php>

**Group picture** with some of the participants at the IU2018.

