

# A LABORATORY FOR THE WORLD

*Cooperation between nations, universities and scientists is the driving force behind CERN's research. In 2018, more than 17 900 people from around the world worked together to push the limits of knowledge. CERN's staff members, numbering around 2600, are involved in the design, construction and operation of the research infrastructure. They also contribute to the preparation and operation of the experiments, as well as to the analysis of the data that is gathered for a vast community of users, comprising over 12 500 scientists of more than 110 nationalities from institutes in over 70 countries.*



## BREAKDOWN OF CERN USERS ACCORDING TO THE COUNTRY OF THEIR HOME INSTITUTE, AS OF 31 DECEMBER 2018

**NUMBER OF USERS: 12 569**

### MEMBER STATES (7395)

Austria 96 - Belgium 152 - Bulgaria 41 - Czech Republic 258 - Denmark 56 - Finland 116 - France 834 - Germany 1373  
Greece 133 - Hungary 63 - Israel 73 - Italy 1528 - Netherlands 179 - Norway 89 - Poland 304 - Portugal 97 - Romania 106  
Slovakia 86 - Spain 375 - Sweden 104 - Switzerland 380 - United Kingdom 952

### ASSOCIATE MEMBERS IN THE PRE-STAGE TO MEMBERSHIP (72)

Cyprus 16 - Serbia\* 37 - Slovenia 19

\*Member State since 24 March 2019

### ASSOCIATE MEMBER STATES (418)

India 207 - Lithuania 23 - Pakistan 37 - Turkey 117 - Ukraine 34

### OBSERVERS (3296)

Japan 258 - Russia 1040 - United States of America 1998

### OTHERS (1388)

Algeria 2 - Arab Emirates 1 - Argentina 15 - Armenia 13 - Australia 30 - Azerbaijan 4 - Bangladesh 2 - Belarus 22 - Brazil 120  
Canada 198 - Chile 19 - Colombia 24 - Croatia 38 - Cuba 3 - Ecuador 3 - Egypt 19 - Estonia 19 - Georgia 32 - Hong Kong 20  
Iceland 3 - Indonesia 7 - Iran 17 - Ireland 6 - Latvia 2 - Lebanon 16 - Madagascar 2 - Malaysia 9 - Malta 5 - Mexico 59 - Mongolia 2  
Montenegro 7 - Morocco 14 - New Zealand 7 - Oman 4 - People's Republic of China 327 - Peru 3 - Puerto Rico 1 - Republic of Korea 157  
Singapore 4 - South Africa 69 - Sri Lanka 8 - Taiwan 57 - Thailand 18



## The family continues to grow

As part of the continuing enlargement process, the CERN family welcomed several new countries in 2018. Lithuania became an Associate Member State in January and, during its December session, the CERN Council decided to admit Serbia as a Member State and Croatia as an Associate Member State, pending completion of each country's internal ratification process. In September, Estonia submitted an application for Membership. At the end of 2018, CERN had 22 Member States, three Associate Member States in the pre-stage to Membership and five Associate Member States.

Many other countries have established formal links with the Laboratory and contribute to its activities; CERN continues to develop this network, supporting countries that contribute to the development of particle physics. In this context, the Laboratory signed cooperation agreements with Kazakhstan, the Philippines and Thailand. A cooperation agreement with Paraguay was also approved by the Council in September. This global engagement and the cultural melting-pot that it creates are vital to CERN's pursuit of new ideas and ever-deeper knowledge.

## A high-energy network

In February 2018, the "CERN Alumni – the High-Energy Network" programme was officially inaugurated at the "First Collisions" event, which was held at CERN and was attended by nearly 400 participants from all over the world. The programme will allow alumni pursuing careers in a wide variety of fields, ranging from academia to industry, economics, information technology and medicine, to maintain links with CERN, to benefit from the wealth and diversity of their large community, and to leverage the experience and support of members of the network. At the end of 2018, the network had more than 4000 members and six regional groups in the Netherlands, Switzerland, the United Kingdom and the United States.

Thirteen events were also held throughout the year, notably "Moving Out of Academia to ... the Financial Sector" and "Moving Out of Academia to ... Big Data", in the framework of a new series of workshops designed to support future alumni in their transition from the academic world to other professional sectors.

