

Gold medal for extreme nuclei

The 2017 Lomonosov Gold Medal, the highest accolade of the Russian Academy of Sciences, has been awarded to Yuri Oganessian of the Joint Institute for Nuclear Research (JINR) in Russia and Björn Jonson of Chalmers University of Technology in Sweden. The pair has extended our

EPuzymina/JINR



Björn Jonson (left) and Yuri Oganessian have extended the boundaries of the nuclear chart.

knowledge on nuclei at the extremes of existence in opposite ends of the nuclear chart. Oganessian has made fundamental contributions to the study of superheavy elements, also acknowledged in 2016 when element 118 was named Oganesson (Og), while Jonson, who has also played key roles in CERN's ISOLDE facility, has focused on the nuclear structure and stability at the boundaries of the nuclear chart for the lightest elements. The award ceremony took place in Moscow on 30 March.