

10th Anniversary of Heidelberg Laureate Forum

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THE Heidelberg Laureate Forum Foundation (HLFF) has been organising the Heidelberg Laureate Forum (HLF) annually since 2013, an international networking event for mathematicians and computer scientists. German physicist Klaus Tschira Stiftung (1940-2015) laid the forum's groundwork. The scientific partners of the HLF are the Heidelberg Institute for Theoretical Studies (HITS) and Heidelberg University. The HLF is strongly supported by award-granting institutions such as the Association for Computing Machinery (ACM), the International Mathematical Union (IMU) and the Norwegian Academy of Science and Letters (DNVA). The HLF provides the platform and time for leading researchers in their fields to interact, share ideas, network and form lasting connections that promise to develop into fruitful collaborations.

The 10th HLF took place in the University of Heidelberg, Germany, from 24-29 September 2023 and brought together 32 laureates of the most prestigious prizes in mathematics and computer science, such as recipients of the Abel Prize, Field Medal, Navenlinna Prize, ACM Prize, as well as 200 bright young researchers of the next generation from over 60 nations around the world. Besides, 20 alumni from past HLFs were invited to share their experience and expertise. The weeklong event featured a host of fascinating Laureate Lectures, Lindau Lecture, Laureate Discussions, Panel Discussions, Scientific Interactions and other formats. The event discussed some of the timeliest issues relating to mathematics and computer science. In honour of its tenth anniversary, the HLF featured several notable additions of new formats, such as Lightning Talks and Spark Sessions, which provided participants with more dynamic ways to engage with contemporary scientific issues. Eleven young researchers from different institutes and universities in India participated in this event.

In his welcome address during the opening ceremony, Jens Brandenburg, Parliamentary State Secretary to the German Federal Minister of Education, lauded the efforts of the HLFF to organise such an event to bring together prestigious laureates of mathematics and computer science and young researchers of the disciplines. Rafel Lang, Chairperson, HLFF, encouraged all young researchers to seize the unique opportunity of the week. He said, "You have been selected for



Laureates of the 10th HLF

your talent, for your knowledge, for your potential This meeting is for you!". Petra Olschowski, Minister of Science, Research and Arts, Baden Wuttemberg; Bernhard Eitel, Director of Heidelberg University; Eckart Wurzner, Mayor of Heidelberg; Patrick Cramer, President of the Max Plank Society; and Anna Wienhard, Scientific Chairperson, HLFF, graced the occasion and expressed their valuable views.

Representatives of the award-granting institutions, such as Yannis Ioannidis, President, ACM; Hiraku Nakajima, President, IMU; and Lise Ovreas, President, DNVA, were also present to encourage the young researchers. On this occasion, the signatories of the HLF charter, Vinton Gray Cerf, former president of ACM; Ingrid Daubechies, former president of IMU; Nils Christian Stenseth, former president of DNVA, introduced the alumni of the last HLFs. During this auspicious ceremony, a saxophone quartet presented music.

The first day of HLF featured two major talks: In the morning, Robert Metcalfe, inventor of the Ethernet technology, gave an insightful talk on "Connectivity is a Thing, is THE Thing". Afterwards, Louis J Ignarro, a Nobel Prize recipient in Psychology or Medicine 1998, delivered the Lindau Lecture on "Nitric Oxide: The Miracle Molecule of Health and Longevity". The Lindau Lecture is held yearly at



Workshop by the laureate Leslie Lamport