

And the Brain-Computer Interface Research Award 2015 goes to...

The award ceremony took place during the annual meeting of the SfN (Society for Neuroscience) in Chicago

Schiedlberg, November 2nd, 2015. This year's Annual BCI Award donated by g.tec medical engineering, was presented during the 45th annual meeting of the SfN (Society for Neuroscience) in Chicago, Illinois – the biggest annual meeting for neuroscientists. The ceremony took place at the famous Cuvée in Chicago, where BCI specialists and researchers came together to celebrate the winners in 2015. Out of 63 top-level research projects, a jury of 6 people (including the winner from 2014) chose ten nominees and then the most exciting three projects. Get further information about the BCI Research Award at bci-award.com.

The Winners

The BCI Award 2015 winner is Guy Hotson (USA), who earned the top prize through his outstanding research on prosthetic limbs using electrocorticography (ECoG) in people by leveraging the native functional organization of sensorimotor cortex, Hotson and his team from John Hopkins University in Baltimore provided online control over individual fingers of a robotic prosthetic limb in a patient implanted with a high-density ECoG array.

The 2nd place went to Ron Hogri (Israel) with his project “De-novo experience-based learning in rats interfaced with a cerebellar chip”. Hogri's team introduced a new BCI-based tool to enhance memory, which could help persons with learning and memory deficits. Kenji Kato (Japan) got 3rd place. He and his team of researchers restored a motor function through an artificial neural connection, paving the way for new technology to help people who need help with voluntary motor control.

BCI Award by g.tec medical engineering

The BCI Award is donated by g.tec medical engineering, a leading provider of brain-computer interface research systems and components located in Schiedlberg, Austria. Every year numerous innovative projects are submitted for the award, introducing new directions in brain-computer interaction, neuroscience, and related fields. A jury of specialists scores the projects based on several criteria, such as the novelty of the BCI application, the methodological approach, new benefits for potential BCI users and many more. “The Annual BCI Award allows us to look back at highlights of BCI research. We can see how the fields of neuroscience and BCI have changed and will change over the years” says Dr. Christoph Guger, CEO at g.tec.



photo description: Christoph Guger (left), Guy Hotson (Winner of 2015), Kenji Kato (3rd place), Ron Hogri (2nd place), Brendan Allison (right)

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