



# THE ANNUAL **BCI AWARD** 2017

FOR THE WORLD'S MOST INNOVATIVE BRAIN-COMPUTER INTERFACE PROJECT

Awarded by



**AALBORG UNIVERSITY**  
DENMARK

Sponsored by



[www.bci-award.com](http://www.bci-award.com)

## Submit Your Abstract Now!

Submission deadline: June 15<sup>th</sup>, 2017

1<sup>st</sup> place: USD 3,000

2<sup>nd</sup> place: USD 2,000

3<sup>rd</sup> place: USD 1,000

## The Jury

Natalie Mrchacz-Kersting (Chair),  
Gaurav Sharma (Winner 2016),  
Reinhold Scherer, Jose Pons, Femke Nijboer,  
Kenji Kansaku, Aaron Batista, Jing Jin

## The Ceremony

Award Ceremony takes place on September 21<sup>st</sup>, 2017  
at the 7<sup>th</sup> International BCI Conference 2017  
September 18<sup>th</sup> to 22<sup>nd</sup>, 2017

Institute of Neural Engineering | Graz  
at Graz University of Technology  
Stremayrgasse 16/IV | 8010 Graz | Austria



Each year, a renowned research expert serves as the Chair of the Jury, and recruits a jury of world-leading BCI experts to judge the submitted projects and decide the nominees and winners. This competition is open to any BCI researcher or group worldwide. The BCI Award is donated by g.tec medical engineering, a leading provider of BCI research systems located in Austria.

## Call for Submission

Write a clear description in English language that should not exceed 2 pages. The document has to include your full name(s), contact information, project title, brief description and current status of the work, images, figures and tables (if needed). Send the document as a pdf file to [bcj.award2017@gtec.at](mailto:bcj.award2017@gtec.at) before the indicated deadline.

- The 12 top-ranked nominees will be informed about one month before the ceremony.
- Nominees should attend the BCI Meeting 2017 or send a delegate to receive the nomination or the award.
- The 12 nominated projects will be published in the “BCI State-Of-The-Art” book series by Springer.

## Scoring Criteria

The jury will score the submitted projects on the basis of a list of criteria. Your project should get high scores in several of the criteria to get a high ranking. Thus you may consider the following questions when writing your submission:

- Does the project include a novel application of the BCI?
- Is there any new methodological approach used compared to earlier projects?
- Is there any new benefit for potential users of a BCI?
- Is there any improvement in terms of speed of the system (e.g. bit/min)?
- Is there any improvement in terms of accuracy of the system?
- Does the project include any results obtained from real patients or other potential users?
- Does the approach work online/in real-time?
- Is there any improvement in terms of usability?
- Does the project include any novel hardware or software developments?

## Review: BCI Award 2016

The 6<sup>th</sup> International BCI Meeting took place from May 30<sup>th</sup> – June 3<sup>rd</sup>, 2016 in California, USA. For the first time, there were 12 nominees for the BCI Award 2016.

1<sup>st</sup> place: “An Implanted BCI for Real-Time Cortical Control of Functional Wrist and Finger Movements in a Human with Quadriplegia” Gaurav Sharma<sup>1</sup>, Nick Annetta<sup>1</sup>, Dave Friedenber<sup>1</sup>, Marcie Bockbrader<sup>2</sup>, Ammar Shaikhouni<sup>2</sup>, W. Mysiw<sup>2</sup>, Chad Bouton<sup>1</sup>, Ali Rezaei<sup>2</sup>

<sup>1</sup> Battelle Memorial Institute, 505 King Ave, Columbus, OH 43201.

<sup>2</sup> The Ohio State University, Columbus, OH, USA 43210.

