

IEEE SIGNAL PROCESSING CUP 2017

REAL-TIME BEAT TRACKING CHALLENGE

Final Results

IEEE Signal Processing Cup 2017 Global Competition held its final competition on 5 March 2017 in New Orleans, USA, during the IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP). The Winners of SP Cup 2017 are:

Grand prize

Team "Beats on the Barbie"

University of New South Wales, Australia

Supervisor: Vidhyasaharan Sethu

Jeremy Bell

Max Fisher

Angus Keatinge,

James Wagner

<https://youtu.be/uLoLzOnszH8>

Second prize

Team "Madmom"

Johannes Kepler University, Austria

Télécom ParisTech, France

Joanneum Research, Austria

Supervisor: Sebastian Böck

Raminta Balsyte

Amaury Durand

Florian Krebs

Sebastian Pöll

<https://youtu.be/ugoeJ5wVZVM>

Third prize

Team "PulseBox"

University of Maryland, USA

Supervisor: Hawkins, William

Creed Gallagher

William Heimsoth

Josh Preuss

<https://youtu.be/gB22JlhmmLo>

In addition to the three overall winning teams, the SP Cup 2017 judging committee is pleased to announce the following honorable mentions:

Team: Sharif University of Technology, Iran
Excellent beat tracking performance and annotation

Team: NTHU-EECS, China
Excellent video and entertaining concept

Team: Impulse, Bangladesh
Excellent video concept and annotation