



Rice DSP in the Past, Present, and Future

Program

Version: 23 April 2019

Thursday 25 April 2019

Folks arriving early enough can self-organize and congregate at Valhalla

Friday 26 April 2019

Location: BioScience Research Collaborative (BRC), Rice University, 1st Floor
6566 Main St, Houston, TX 77030 ([Map](#))

- 730am REGISTRATION AND BREAKFAST
- 830am WELCOME
 - MC: Richard Baraniuk
 - Edward Knightly, Chair of Rice ECE
 - David Leebron, President of Rice University
 - Ahmed Tewfik, President-Elect of the IEEE Signal Processing Society
- 9am GENESIS
 - MC: Richard Baraniuk
 - Panel: C. Sidney Burrus, Alan Oppenheim, and Ronald Schafer on the origin of the DSP universe
 - Speaker: C. Sidney Burrus on the genesis of the DSP program at Rice
- 945am WAVES OF PROGRESS
 - MC: Michael Wakin
 - DSP at Rice in the 1960s, 70s, 80s, 90s, 2000s, 2010s
- 1030am BREAK

- 11am A SELECTION OF DSP IMPACTS
 - MC: Laura Balzano
 - DSP microprocessors: Gene Frantz
 - Speech processing: Alex Acero
 - Geophysics Ramesh Neelamani
 - Digital photography: Aswin Sankaranarayanan
 - Special Guest: Sparsity: Justin Romberg

- 12pm LUNCH

- 130pm PRESENT
 - MC: Don Johnson
 - New Rice DSP faculty
 - Santiago Segarra
 - Yingyan Lin
 - Tassos Kyrillidis
 - Reinhard Heckel
 - Akane Sano
 - Anshumali Shrivastava
 - Major Rice Initiatives
 - Data Science: Richard Baraniuk
 - Neuroengineering: Behnaam Aazhang
 - TI Visiting Professor: Ubli Mitra

- 215pm BREAK

- 3pm FUTURE 1: The Future of DSP @ Rice
 - MC: Courtney Lane
 - Jasper Tan
 - Amruta Pai
 - Yicheng Wu
 - Chance Tarver
 - Sudha Yellapantula

- 345pm FUTURE 2: The Future of DSP Research (Panel)
 - Panelists: Alan Oppenheim, John Cozzens, Rebecca Willett, Vince Poor, Robert Nowak, Ashok Veeraraghavan
 - Moderator: Mark JT Smith

- 445pm FINALE
 - MC: Richard Baraniuk
 - Reginald DeRoches, Rice Dean of Engineering
 - C. Sidney Burrus

- 5pm SOCIAL HOUR
- 6pm DINNER
 - MC: John Treichler
- 8pm VALHALLA
 - Folks can walk, take an Uber, or request a Hilton hotel shuttle to [Valhalla](#)
 - Folks can walk or Uber back to the Hilton hotel

Saturday 27 April 2019

- 830am-Noon INFORMAL BRUNCH
 - Please sign up at the registration table for an informal brunch of tacos, coffee, and juice in 3092 Duncan Hall on the Rice campus. Enter via the doors at the NE or SE corners and take the stairs or elevator to the 3rd floor.