



Felipe de Barros



Ilias Diakonikolas



Wyatt Lloyd



Han Wang

Congratulations to the recipients of the  
**2017 NSF CAREER AWARD**

University of Southern California  
Olin Hall 200  
Los Angeles, CA 90089-1451

The USC Viterbi School of Engineering is proud to announce four winners of the **2017 National Science Foundation CAREER Award**, the organization's top honor for junior faculty: **Felipe de Barros** of the Sonny Astani Department of Civil and Environmental Engineering; **Ilias Diakonikolas**, the Andrew and Erna Viterbi Early Career Chair in the Department of Computer Science; **Wyatt Lloyd** of the Department of Computer Science; and **Han Wang** of the Ming Hsieh Department of Electrical Engineering.

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## Felipe de Barros

De Barros, an assistant professor of civil and environmental engineering, models subsurface water flow to predict how contaminants will travel through the hydrogeological system, for example during a chemical spill, integrating public health with geology and hydrodynamics. He received his Ph.D. from UC Berkeley in 2009.



## Ilias Diakonikolas

Diakonikolas, an assistant professor of computer science and a leading expert in algorithmic machine learning, works to create algorithms that are both efficient and robust. In 2017, he has also received a Sloan Research Fellowship and a Google Faculty Research Award.



## Wyatt Lloyd

Lloyd, an assistant professor of computer science, researches distributed data stores, working to understand tradeoffs between performance and guarantees. His research applies to any large web service that stores and processes big data. He leads USC's Networked Systems Lab with two other computer science professors.



## Han Wang

Wang, an assistant professor of electrical engineering, works with emerging materials that are used in the invention of nanotechnology and nano-photonics devices. His current research aims to develop fundamental electronic technologies using black phosphorous. Wang earned his Ph.D. from the Massachusetts Institute of Technology.