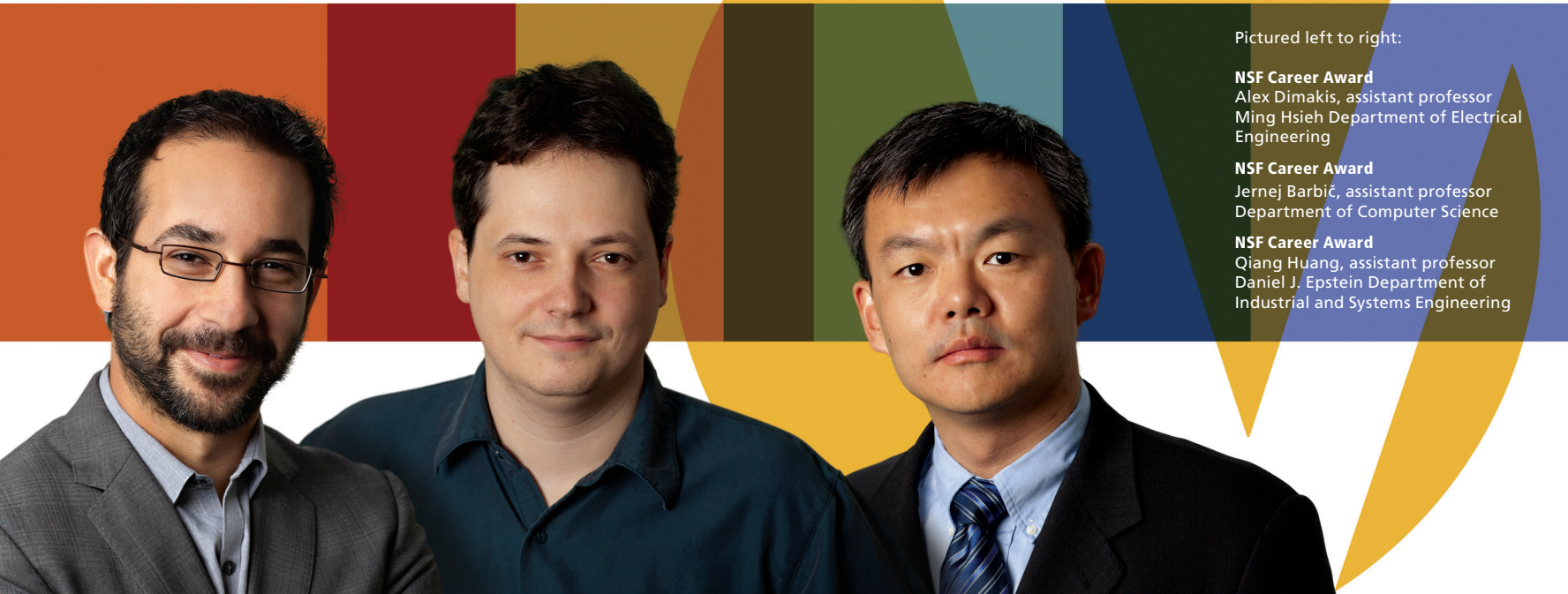


## 2011 Junior Faculty Distinctions



Pictured left to right:

**NSF Career Award**

Alex Dimakis, assistant professor  
Ming Hsieh Department of Electrical  
Engineering

**NSF Career Award**

Jernej Barbič, assistant professor  
Department of Computer Science

**NSF Career Award**

Qiang Huang, assistant professor  
Daniel J. Epstein Department of  
Industrial and Systems Engineering



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Southern California

## 2011 Junior Faculty Distinctions



### **Alex Dimakis**

NSF Career Award winner, Alex Dimakis, an assistant professor in the Ming Hsieh Department of Electrical Engineering, is a specialist in the novel use of network coding for significantly improving the reliability and cost of distributed storage systems, including cloud storage systems.

### **Jernej Barbič**

NSF Career Award winner, Jernej Barbič, an assistant professor in the Department of Computer Science, is at the vanguard of faster simulation and control of large, dynamic systems. Speedier modeling and control are aimed at enabling more immersive medical training, more entertaining computer games, and more reliable computer-aided design and computer-aided manufacturing.

### **Professor Qiang Huang**

NSF Career Award winner, Qiang Huang, an assistant professor in the Daniel J. Epstein Department of Industrial and Systems Engineering, studies quality improvement at the nexus of nanomanufacturing (NM) and nanoinformatics. This research will provide technologies and tools to transform the quality and productivity in NM, so as to broaden nanotechnology's impact on society.