

# DISTINGUISHED LECTURER SERIES

T H E I N S T I T U T E F O R S Y S T E M S R E S E A R C H



## Siavash M. Alamouti

Intel Fellow, Mobility Group  
Chief Technology Officer,  
Mobility Wireless Group  
Intel Corporation

**Wednesday, April 16, 5:00 p.m.**

## 4G Wireless Technology Vision

Siavash Alamouti will describe Intel's vision on the fourth generation wireless communications systems. He will first discuss the requirements, applications and market drivers and then describe the key technologies for 4G. He will also provide updates on standards efforts in IEEE towards this vision.

### Biography

Siavash M. Alamouti is an Intel Fellow in the Mobility Group and Chief Technology Officer of the Mobile Wireless Group, responsible for all wireless standards with a product roadmap at Intel. This includes the WiMAX Forum, IEEE 802.16, 3GPP, OMA, WiFi Alliance and IEEE 802.11. He is also known as the technical champion of WiMAX technology at Intel. Prior to joining Intel in 2004, Alamouti worked for Vivato Inc., Cadence Design Systems, AT&T Wireless Services and MPR Teltech Ltd. in various engineering roles.

Alamouti completed his graduate studies in electrical engineering at the University of British Columbia, Vancouver, Canada. He is recognized by the IEEE Communications Society as the author of one of the best 57 papers in the past 50 years of the Society's history. He is most well known for the invention of "the Alamouti code" which is included in a number of wireless standards.

Alamouti holds more than 20 patents in the areas of wireless communications and wireless systems design. He has authored many publications and technical reports in the last decade for the IEEE Communications Society and other organizations that have reached professional audiences both nationally and internationally.

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### Reception

Wednesday, April 16, 4:30 p.m.  
1115 Computer Science  
Instructional Center (CSIC)

### Lecture

Wednesday, April 16, 5:00 p.m.  
1115 Computer Science  
Instructional Center (CSIC)

### Roundtable discussion

Wednesday, April 16, 10:00 a.m.  
1146 AV Williams Building

### Host

Eyad Abed