

Congratulations to 2012 IEEE Communications Society Fellows



Election to the grade of IEEE Fellow is one of the highest honors that can be bestowed upon our members by the Institute in recognition of their technical, educational, and leadership achievements. Only a select few IEEE members earn this prestigious honor. Congratulations to the following 58 Communications Society members for their election to the grade of Fellow of the IEEE. They now join company with a truly distinguished roster of colleagues.

DAKSHI AGRAWAL For contributions to theory, analysis, and design of efficient, secure, and privacy-preserving communication systems.

GEORGE ARNOLD For leadership in architecture and protocols for the electric grid and telecommunication networks.

AHMAD BAHAI For contributions to multi-carrier wireless and wire-line communication systems.

MAURO BARNI For contributions to signal and image processing for multimedia security.

RAOUF BOUTABA For contributions to automated network and service management methodologies and applications.

KENNETH CALVERT For contributions to internet topology and active networks.

JYH-CHENG CHEN For contributions to energy efficient protocols in wireless networks.

ROGER CHENG For contributions to multiuser communications in wireless systems.

MUNG CHIANG For contributions to optimization of communication networks and applications to wireless networks, broadband access, and the Internet.

MARK CROVELLA For contributions to the measurement and analysis of networks and distributed systems.

MICHAEL DEVETSIKIOTIS For contributions to rare-event modeling of communication networks.

ALEXANDRA DUEL-HALLEN For contributions to equalization and wireless communications.

ANBAL FIGUEIRAS-VIDAL For leadership in digital signal processing.

STEFANO GALLI For contributions to theory, practice, and standardization of power line communication networks.

ERICH GUNTHER For contributions to the development and standardization of techniques for electric power quality.

FRANZ HLAWATSCH For contributions to time-frequency signal processing.

CHARLES KALMANEK For leadership in advancing architecture, design and management of communications networks and services.

AHMED KAMAL For contributions to optical networks provisioning for multipoint traffic.

RYUJI KOHNO For contributions to spread spectrum and ultra wide band technologies and applications.

SRIKANTH KRISHNAMURTHY For contributions to cross-layer protocol design in wireless networks.

VINCENT LAU For contributions to wireless communication systems with channel feedback.

JIN LI For contributions to multimedia delivery, compression and storage for real-time communication.

JUNYI LI For contributions to modulation techniques for mobile broadband communications systems.

MIKE PENG LI For contributions to the design of jitter test technologies.

SOUNG CHANG LIEW For contributions to wireless communications and networking.

MARCO LUISE For contributions to synchronization and signal processing in communications.

RANJAN MALLIK For contributions to channel characterization in wireless communication systems.

EYTAN MODIANO For contributions to cross-layer resource allocation algorithms for wireless, satellite, and optical networks.

C. SIVA RAM MURTHY For contributions to resource management in high performance real-time computing and communication systems.

ZHISHENG NIU For contributions to collaborative radio resource management in wireless networks.

JONG-SEON NO For contributions to sequences and cyclic difference sets for communications algorithms.

IAN OPPERMAN For contributions to mobile communication systems.

VENKATA PADMANABHAN For contributions to networked and mobile computing systems.

SUBRAMANIAN RAMANATHAN For contributions to mobile ad hoc networks using topology control and directional antennas.

WONJONG RHEE For leadership in dynamic spectrum management systems.

GEORGE ROUSKAS For contributions in algorithms, protocols, and architectures of optical networks.

AKBAR SAYEED For contributions to statistical signal modeling for wireless communication and sensor networks.

ELVINO SOUSA For contributions to wireless systems, including modulation techniques and transmitter diversity.

DANNY TSANG For contributions to the optimization of communications networks.

YU-CHEE TSENG For contributions to wireless and mobile networks.

M. UMIT UYAR For contributions to conformance testing theory and practice.

PING-KONG WAI For contributions to optical networks and optical fiber communication systems.

CHIN-LIANG WANG For contributions to signal processing algorithms and architectures for digital communications.

KEH-CHUNG WANG For contributions to GaAs HBT integrated circuits for high speed data conversion and optical fiber communication systems.

THOMAS WEILAND For development of the finite integration technique and impact of the associated software on electromagnetic engineering.

JIANGTAO WEN For contributions to multimedia communication technology and standards.

GUU-CHANG YANG For contributions to optical code division multiple access.

XIAOHU YU For leadership in the development of mobile communications in China.

JUNSHAN ZHANG For contributions to cross-layer optimization of wireless networks.

QIAN ZHANG For contributions to the mobility and spectrum management of wireless networks and mobile communications.

ZHI-LI ZHANG For contributions to internet quality-of-service theory and applications.

WENJUN ZENG For contributions to multimedia communication and security.

YUCEL ALTUNBASAK For contributions to super-resolution imaging, color filter array interpolation, and error-resilient video communications.

RAFIK GOUBRAN For contributions to voice quality measurement and its applications to audio improvement.

BERNARD MULGREW For contributions to linear and nonlinear equalizers for adaptive systems.

MARIMUTHU PALANISWAMI For contributions to computational intelligence, learning systems, and nonlinear modeling.

KONSTANTINOS PLATANOTIS For contributions to the theory and application of statistical adaptive learning.

RAGHUNATH SHEVGAONKAR For leadership in electrical engineering education in India.

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