TUTORIAL PROPOSAL FORM

Please complete and return, preferably by email, to: D. Kingston, WCNC Project Manager, IEEE Communications Society, 305 East 47 St., New York, New York 10017 USA / Email: d.kingston@comsoc.org / Fax: +1.212.705.8996.

This form is designed to assist the instructor of a proposed one-half or full-day tutorial to organize and define the audience for the tutorial, and to give the WCNC Program Committee something to which to respond. Instructors of accepted tutorials will receive financial compensation. Contact Debora Kingston for further information.

Your proposal will be reviewed for topical relevance, issue analysis, overall strategic importance/value and financial feasibility. The information you provide will also be used to develop an effective marketing/promotional campaign; membership development and/or patronage strategies; and possible inter-organizational partnership opportunities. The more descriptive information you share about the tutorial and its intended audience, the more likely it is to receive a favorable response.

Date of Submission:
Title of Proposed Tutorial:
Proposed by:
(If it is expected that the proposed instructor is submitting this tutorial proposal. Please note if this is not the case.)
Job Title:
Organization:
Address:
Phone/Fax/Email:

Event Format:  [ ] ½ Day Tutorial  [ ] Full Day Tutorial
Is this a first time offering?  [ ] Yes  [ ] No [please describe where/when offered previously]

#1: Tutorial theme and topics:
List the main theme and topics to be addressed. Provide a brief list of key words/phrases.

#2: Descriptions of topics:
Briefly describe the topics, including the keywords/phrases when possible.

#3: Primary Audience:
Briefly describe the PRIMARY audience interested in this tutorial topic, including typical job titles or functions (such as "research engineer", "software systems development", "operating company management", etc.). Explain how this audience can benefit from the tutorial, and identify the single most compelling reason for someone to attend.

#4: Secondary Audience:
Describe one or more SECONDARY audiences in the same way.
#5: Novelty:
What technology innovation(s) described by this tutorial make it likely to attract a large, curious audience?

#6: Technical Interest Profiles (TIP):
Based on the primary & secondary audience descriptions referenced above, please refer to TIP listings following these questions and check all those TIP entries representing IEEE members who might be attracted to this tutorial.

#7: Marketing and Competition:
Please suggest mailing lists (inside or outside Comsoc), trade publications and other promotional channels that should be considered to promote your tutorial. Please suggest any visual logo or symbol that could be associated with your tutorial to aid recognition in the marketplace. Please describe competitive educational offerings, on the topics of your tutorial, available in the marketplace, and advantages that you believe your tutorial has.

#8: Product/Service Associations:
For the purpose of attracting companies as exhibitors or conference patrons, please suggest what products or services typical members of your expected audience might be interested in? [For example: "operating company managers attending this tutorial may be interested in optical switches of the type described in this tutorial"].

#9: Biography:
As the proposed tutorial instructor, please provide a brief current biography noting your industry, R&D, research, academic experience and/or accomplishments as it relates to the overall subject matter. Do you have any previous meeting/conference program development experience?
IEEE TECHNICAL INTEREST PROFILES (TIP): Technical Interest Profile (TIP) codes are a list or grouping of technical areas representing the breadth and scope encompassed by each of the entity's technical interest. IEEE members were asked to select up to 5 TIP categories (either main heading categories or any of their subcategories using the corresponding numerical assignment) that closely relate to the member's technical interest areas. The codes serve many purposes, including promoting conferences.

0100 SIGNAL PROCESSING
- 0105 Time-Varying Signal Processing
- 0106 Multimedia Signal Processing
- 0120 Digital Signal Processing
- 0125 Communications Signal Processing
- 0130 Audio and Electroacoustics
- 0140 Speech Processing
- 0155 Sensor Array & Multichannel Signal Processing
- 0160 Image and Multidimensional Signal Processing
- 0170 Neural Networks
- 0180 System Design and Implementation
- 0190 Statistical Signal Processing

0200 BROADCAST TECHNOLOGY
- 0220 Broadcasting
- 0221 Transmitters and Antennas
- 0223 Video Signal Transmission
- 0228 Video Signal Processing Theory/Technology
- 0243 Video Tape Recording
- 0250 A.V. & RF Measurements & Test Equipment
- 0251 Digital Video Gen./Storage/Display
- 0264 Data Transmissions & Terminals
- 0268 Security Systems

0300 ANTENNAS AND PROPAGATION
- 0310 Antennas
- 0311 Reflectors & Lens Antennas
- 0313 Arrays
- 0315 MM & Sub MM Techniques
- 0320 Propagation
- 0322 Earth, Sea & Space
- 0330 Electromagnetic Theory
- 0331 Scattering & Diffraction
- 0333 Numerical Methods
- 0340 Electromagnetic Interaction Effects
- 0350 Systems Applications
- 0351 Radio Astronomy
- 0352 Radar
- 0353 Communication

0400 CIRCUITS AND SYSTEMS
- 0410 Analog, Digital & Mixed Mode Signal Processing
- 0411 Image & Video Signal Processing
- 0412 Nonlinear Signal and Image Processing
- 0413 Power Electronic Circuits & Systems
- 0414 Medical Electronics
- 0420 Circuits & Systems Theory, Design and Implementation
- 0430 Solid State Circuits & Systems
- 0431 Integrated Circuits Design & Technology
- 0440 Networks Analysis & Synthesis and Graph Theory
- 0461 Nonlinear and Chaotic Circuits & Systems
- 0462 Neural Networks, Systems & Applications
- 0463 Fuzzy Logic Networks, Systems & Applications
- 0470 Computer Aided Networks & Systems Design
- 0471 Multimedia Systems, Technology & Applications
- 0472 Communication Circuits, Networks, Systems & Applications
- 0473 Wireless Communication Circuits and Systems
- 0474 Internet Networks and Systems
- 0475 Micromachining Technology
- 0476 Nanostructures Circuits and Systems
- 0477 Sensors
- 0495 VLSI Circuits, Systems and Applications
- 0496 Low Power Electronics, Circuits, Systems & Applications

0500 NUCLEAR AND PLASMA SCIENCES
- 0510 Nuclear Science
- 0511 Particle Accelerator Science & Technology
- 0512 Reactor Instrumentation & Controls
- 0513 Radiation Effects
- 0514 Nuclear Instruments & Detectors
- 0515 Environmental Measurements & Monitoring
- 0516 Nuclear Medical and Imaging Sciences
- 0520 Plasma Sciences
- 0521 Plasma Science & Applications
- 0522 Fusion Technology
- 0523 Magneto-hydrodynamics
- 0524 Pulsed Power
- 0530 Computer Applications in NPS
- 0531 Computational Simulation and Modeling in NPS
- 0532 Real Time Data Acquisition in NPS
- 0533 Remote Real-Time Collaboration / Instrument Access & Control
- 0534 Data Analysis Software in NPS

0600 VEHICULAR TECHNOLOGY
- 0610 Vehicular Communications
- 0620 Portable Communications
- 0630 Land Transportation
- 0640 Marine Communications
- 0650 Automotive Electronics
- 0660 Electric Cars
- 0670 Highway Electronics
- 0680 Command & Control
- 0690 Automotive Electrical Technology

0700 RELIABILITY
- 0710 Maintainability
- 0720 Reliability Physics
- 0730 Human Effects
- 0740 Software
- 0750 Applications
- 0751 Manufacturing

0800 CONSUMER ELECTRONICS
- 0810 Home TV Receivers
- 0820 Home AM & FM Sound Receivers
- 0830 Home Recorder/Playback Media
- 0840 Games
- 0850 Micro Processor Application & Control
- 0860 Pay TV Technology
- 0870 Cable Systems
- 0875 Home Computers
- 0880 Consumer Internet Access
- 0890 Residential Telephone
- 0895 Home Automation

0900 INSTRUMENTATION AND MEASUREMENT
- 0905 Measurement Precision, Sensitivity and Noise
- 0910 DC-Low Frequency Measurement
- 0915 Frequency and Time Measurement
- 0920 High Frequency Measurement
- 0925 Connectors in Instrumentation and Measurement
- 0930 Emerging Technologies in Measurement
- 0935 Signals and Systems in Measurement
- 0941 ATE Test and Measurement Systems
- 0945 Measurement Sensor Technology
- 0951 Waveform Measurement and Analysis
- 0955 Wireless and Telecommunications Measurements
- 0961 Measurement/Process Control
- 0965 Virtual Systems in Measurement
- 0970 Laser and Optical Measurement Systems
- 0975 Materials Measurements
- 0980 Environmental Measurements
- 0985 Imaging Measurements
- 0990 Transportation Systems Measurements
- 0995 Self-Test and Built-In Test
- 0996 Intelligent Measurement Systems
- 0997 Education in Instrumentation and Measurement
- 0998 Measurement Microsystems
- 0999 Medical Measurements

1000 AEROSPACE AND ELECTRONIC SYSTEMS
- 1010 System Engineering
3700 SOLID-STATE CIRCUITS
[ ] 3710 Integrated Circuits - Digital
[ ] 3711 Integrated Circuits - Analog and Mixed Signal
[ ] 3712 Integrated Circuits - Communication and RF
[ ] 3713 Semi-custom and ASIC Design
[ ] 3714 VLSI Circuit, Chip and System Design
[ ] 3720 Memories - Semiconductor, Magnetic, Optical
[ ] 3730 Optoelectronics and Imaging
[ ] 3740 Computer Aided Design - Analysis, Synthesis, Verification, Physical Design
[ ] 3750 Solid-State Microwave Electronics
[ ] 3760 New Solid-State Device and Circuit Applications
[ ] 3770 Solid-State Circuit Design Techniques
[ ] 3780 Medical Electronics
[ ] 3781 MEMS/Sensor/Actuator/Transducer Electronics
[ ] 3790 Circuit and System Test

3900 INTERDISCIPLINARY AND NEW ACTIVITIES
[ ] 3910 History of Electrical Engineering
[ ] 3912 Energy
[ ] 3915 Data Banks & Electronic Surveillance
[ ] 3918 Communications Policies
[ ] 3920 Transportation
[ ] 3930 Electrography
[ ] 3940 Environmental Quality
[ ] 3941 Nonionizing Radiation
[ ] 3942 Ionizing Radiation
[ ] 3950 Electro-rheology
[ ] 3960 Electronic Materials
[ ] 3970 Cryogenics & Superconductivity
[ ] 3980 Technology Forecasting & Assessment

4000 ENVIRONMENT, HEALTH AND SAFETY
[ ] 4010 Design for Environment
[ ] 4011 Life-Cycle Analysis
[ ] 4012 Added Recycling
[ ] 4013 Environmental Manufacturing
[ ] 4014 Product End of Life Management
[ ] 4020 Industrial Ecology