IFAC Foundation (IFF)

Program for Supporting Regional Courses on Advanced Control

Goal:

The main goal of this program is to provide seminal material to raise the possibilities to create, promote or consolidate research and educational groups dealing with automatic control theory and technology from developing countries in a well defined geographical area. A developing country is understood to be one which not on the attached list of high income countries. The objectives of the course should be to provide the participants with an overview of the main principles and technologies for the latest development of control. In addition, this event will provide a forum for discussion of new ideas, research, development and applications, including techniques and methods to stimulate and inspire pioneering works in control engineering. Particularly, recent issues in the application of control technology in some areas of special local interest will be emphasized.

Intended Participants:

The course should be addressed to graduate students, PhD students and engineers with some background in control engineering.

Social Impact:

Besides improving the knowledge in the development of control system, by attending the course, the participants / control community are also given more opportunity to have access to the latest information in research, technology and applications in the field of control systems. Moreover, the interaction during the course with leading persons in the subject could also be used as starting point to establish international linkages with other institutions and to create new research opportunities as part of improving the quality of research and teaching in the regions and to comply to the international standards.

Proposals

Applications should be sent to the Chair of the IFAC Foundation Board of Trustees, (foundation@ifac.co.at), according to the structure shown below. The proposers will receive some news no later than two months after the submission of the proposal.

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International Federation of Automatic Control
IFAC Secretariat: Schlossplatz 12 A-2361 Laxenburg, Austria
e-mail: foundation@ifac.co.at

Proposals structure

Proposals should precisely describe:
- The Proposer name, affiliation and his/her connection with IFAC
- Targeted Geographical area:
    o Responsible local organization
    o Countries with eligible candidates
- Specific topics of local interest
    o Lecture topics
    o Technical visits/demos
    o Related local/regional projects under development
- Course Organization
    o Main activities
    o Duration
- List of potential lecturers
    o IFAC officials/officers to deal with the proposed topics
    o Local experts
- Expected benefits from this activity and quality measurement indices
    o Previous interactions and potential beneficiary groups
    o Plans for future actions
    o Benefits for IFAC
- Approximated budget
    o Budget for students traveling and accommodation
    o Budget for invited lecturers
    o Local expenses, if any
    o Local contribution to this activity
- Course Managing Committee
    o Composition and responsibilities
    o Regional/local experts (and their organizations)
- At least one IFAC NMO in the region should approve and support the proposal.

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Attachment: List of High Income Countries

High income countries are defined as countries with a Gross National Income per capita of 10,726 USD or more. According to the World Bank the following 60 countries were categorized in 2007 as high income economies:

- Andorra
- Antigua and Barbuda
- Aruba
- Australia
- Austria
- The Bahamas
- Bahrain
- Barbados
- Belgium
- Bermuda
- Brunei
- Canada
- Cayman Islands
- Channel Islands
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Faroe Islands
- Finland
- France
- French Polynesia
- Germany
- Greece
- Greenland
- Guam
- Hong Kong, China
- Iceland
- Ireland
- Isle of Man
- Israel
- Italy
- Japan
- South Korea
- Kuwait
- Liechtenstein
- Luxembourg
- Macau, China
- Malta
- Monaco
- Netherlands
- Netherlands Antilles
- New Caledonia
- New Zealand
- Norway
- Portugal
- Puerto Rico
- Qatar
- San Marino
- Saudi Arabia
- Singapore
- Slovenia
- Spain
- Sweden
- Switzerland
- Trinidad and Tobago
- United Arab Emirates
- United Kingdom
- United States
- Virgin Islands (U.S.)

For more details, see http://en.wikipedia.org/wiki/Developed_country.

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