

IEEE New Initiatives

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Reunión Regional
6 - 9 Abril, 2011



New Initiatives

- An IEEE Initiative is a new program, service, or product that will provide significant benefit to members, the public, the technical community, or customers, or which could have lasting impact on the IEEE or its business processes.
- Initiatives are generally strategic in nature and are not operational necessities at the time of their initiation.
- Initiatives must be projects or programs consistent with IEEE's vision, mission and Strategic Plan.



IEEE Envisioned Future



IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

CORE VALUES

- ▶ **Service to humanity:** leveraging technology and engineering to benefit human welfare; promoting public awareness and understanding of the engineering profession.
- ▶ **Peer-reviewed:** using unbiased information to enhance the quality of life for all people.
- ▶ **Global focus:** supporting and embracing the global nature of and need for technical work and engineering solutions.
- ▶ **Intellectual activity:** forward-thinking; nurturing new and existing science and technology.
- ▶ **Growth and nurturing of the profession:** encouraging education as a fundamental activity of engineers, scientists and technologists at all levels and at all times; ensuring a pipeline of students to preserve the profession.
- ▶ **Collaboration and community building:** cultivating active, vibrant and honest exchange among cross-disciplinary and interdisciplinary global communities of technical professionals.
- ▶ **Professionalism:** creating a world in which engineers and scientists are respected for their exemplary ethical behavior and volunteerism.
- ▶ **Trust and respect:** promoting a culture where contributions at all levels are valued; encouraging member driven, volunteer-led, knowledge-based projects; building effective volunteer/staff partnerships.

BIG AUDACIOUS GOAL

Be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

Vivid descriptions of the goal:

- ▶ The IEEE community and its technologies will positively impact global prosperity and quality of life.
- ▶ Governments will increasingly seek IEEE's input as an unbiased source of technical information.
- ▶ Industry will recognize and value IEEE thereby strongly supporting professionals' participation in IEEE.
- ▶ Communities around the world will universally recognize and appreciate the profession and IEEE's role.
- ▶ Technological literacy will prevail among all educated citizens.
- ▶ IEEE members will have productive, distinguished and rewarding careers. Increasing numbers of students will choose careers in IEEE fields of interest.
- ▶ IEEE will be recognized as a global force in shaping education and curricula in IEEE fields of interest.
- ▶ IEEE will be a center of excellence in technology information and a global force in intellectual property rights management.
- ▶ IEEE members will universally find value in active engagement and involvement in the organization.

3-5 YEAR GOALS

- ▶ Industry professionals and their employers will value IEEE as a major resource to achieve success.
- ▶ IEEE will improve the professional competencies of students and professionals through education.
- ▶ IEEE will increasingly be valued by the global community as a catalyst for a balanced dialogue on technology-related issues.
- ▶ The public will increasingly value the role of IEEE and technical professionals in enhancing the quality of life and the environment.
- ▶ IEEE members will increasingly find value and enjoyment through their involvement in the organization.
- ▶ IEEE will operate as a model global association, with aligned purpose, energy, and infrastructure that facilitates the development and execution of coordinated strategy.

Key Terms:

Envisioned future conveys a concrete, but yet unrealized, vision for the organization.

Core values are the essential and enduring principles that guide IEEE.

A **'big audacious goal'** is a form of a vision statement used in strategic planning that describes a clear and compelling catalyst that serves as a unifying focal point of effort.

Vivid descriptions are descriptions of what it will be like to achieve the big audacious goal.

November 2007

Presentation of Initiatives

- New Initiatives and Seed Grants may be presented by an IEEE Member, Volunteer or an IEEE Unit
- The presentation must clearly state the purpose and how it benefits the Members of the IEEE and its Services.
- It has to be innovative, of strategic importance and cannot address normal operational needs.



New Initiatives Committee

- Reports to the IEEE Board of Directors
- Chaired by the IEEE President Elect
- Includes the SPC Chair
- 6 Members representing Major Boards (TA, PSP, USA, EA, SA, MGA)
- 3 members at Large (appointed by the Chair)
- Works mainly by teleconferences.



New Initiative Proposal Form

IEEE NEW INITIATIVE PHASE I: INITIAL PROPOSAL FORM

| Proposed New Initiative | |
|---------------------------|---------------------------------------|
| Initiative Name | |
| Initiative Number | <i>To be assigned upon submission</i> |
| Date Submitted | |
| Initiative Leader Contact | |
| Alternate Contacts | |
| Contacts E-Mail Addresses | |
| Phone/Extension | |
| Organizational Unit | |
| Sponsor(s) | |
| Champion | |

Please submit the New Initiative Proposal to newinitiatives@ieee.org.



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Two Types of Projects

New Initiatives

- Up to 3 years
- >100K by year
- Reviewed by NIC, approved by IEEE Board
- Process in Two Phases

Seed Grants

- < 40 KU\$
- Approved by NIC
- No payment of salaries or buying of equipment
- Approved in 45 days



Seed Grant Proposal Presentation:

- 1 Abstract** (100 words)
- 2 Proposal** describe the work to be funded, its objectives and benefits.
- 3 Deliverables**
- 4 Outcomes:** Impact and Metrics
- 5 Innovation and Importance**
- 6 Funding:** Expense Description

BE PRECISE, AVOID GENERALITIES !



Example of Seed Grant

SEED GRANT PROPOSAL

| Proposed New Initiative | |
|--------------------------------|---|
| Initiative Name | National Distinguished Lecture Program |
| Initiative Number | 2008-SG10 |
| Date Submitted | January 14, 2008 |
| Initiative Leader Contact | Doris Saez (Chair Chile Section) |
| Alternate Contacts | Richard Weber (Chair CIS Chile Chapter) |
| Contacts E-Mail Addresses | dsaez@ing.uchile.cl , rweber@dii.uchile.cl |
| Phone/Extension | 56-9784207 |
| Organizational Unit Sponsor(s) | Chile Section, CIS Chile Chapter, RAS Chile Chapter, CS Chile Chapter |

Please complete the form below describing your proposed New Initiative

1. Provide a description of the proposed initiative to be funded by a one year seed grant. Do not exceed 100 words.

The societies of IEEE offer Distinguished Lecture Programs (DLP) in order to promote the respective knowledge and experience worldwide.

In strongly centralized countries with small universities outside the major cities, such as e.g. Chile, it is difficult for those universities to invite distinguished lectures via the existing IEEE DLP programs. As a consequence, professors and students as well as professionals do not have access to the most recent knowledge in the respective areas.

We propose to create a National DLP (NDLP) within Chile that later on could be extended to other Spanish-speaking countries in Latin-America.



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New Initiative: two phases

- **1** Proposal with description, objectives, benefits, compliance with Strategic IEEE Goals and a global budget

Review and comments by NIC

- **2** In-depth description with detailed budget, timeline, Milestones and Metrics

Recommendation by NIC to IEEE Board



Example of New Initiative

PHASE I: INITIAL PROPOSAL FORM

| Proposed New Initiative | |
|--------------------------------|--|
| Initiative Name | Regional Video Conference Activities – Version 2 |
| Initiative Number | 2009-03 r1 |
| Date Submitted | 9 March 2009 |
| Initiative Leader Contact | Guillermo Kalocai |
| Alternate Contacts | Raimundo D'Aquila, Norberto Lerendegui |
| Contacts E-Mail Addresses | g.kalocai@ieee.org ; rdaquila@gmail.com ; nlerendegui@ieee.org |
| Phone/Extension | +54.9.11.5401.0549 |
| Organizational Unit Sponsor(s) | Argentina Section |
| Champion | Marcelo Doallo m.doallo@ieee.org |

Please complete the form below describing your proposed New Initiative

1. Provide a description of the proposed Initiative. Do not exceed 100 words.

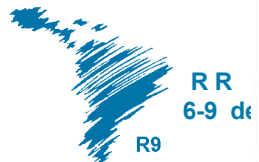
This Initiative will provide infrastructure for videoconferencing (VC) activities at Region-9 or world level. Many Universities or Educational/R&D Centers have Videoconference Terminal devices, but nevertheless in the Region-9 there is no Multipoint Conference Unit device (MCU) to manage a videoconference with more than three participants. Likewise, the videoconference coordination is usually performed through independent efforts.

The Initiative consists in:

- 1) acquire an MCU
- 2) run the MCU in the network
- 3) appoint a Regional Coordinator
- 4) support the operation

The last three issues will be handled by Region-9. **The New Initiative Program would provide the MCU and the accessory hardware.**

2. Describe briefly and succinctly the desired outcome / deliverables / time frame of an investment in this Initiative. Please be brief and specific. Do not exceed 300 words.



More Information

<http://www.ieee.org/about/corporate/initiatives/index.html>

newinitiatives@ieee.org



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El Fondo de Contribución Voluntaria del IEEE Latinoamérica

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Past Director, Region 9
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Fondo de Contrubucion Voluntaria

- Se integra con donaciones voluntarias de Miembros (hechas al momento de renovar), Empresas, etc
- El uso del Dinero es controlado por el Consejo de ex-Directores
- El Tesorero Regional administra la cuenta
- **Está destinado a dar apoyo parcial a Proyectos tecnológicos, reuniones, iniciativas y actividades de Estudiantes y Jóvenes Profesionales (GOLD), que tengan impacto positivo en la Región.**



Presentación de Proyectos

- Descripción: Definición y ámbito del Proyecto
- Lugar y fecha de realización
- Entidad organizadora y voluntario directamente responsable
- Presupuesto detallado: Uso del dinero y las otras fuentes (el VCF sera una fuente más)
- Enviar Ficha de Proyecto, **con tiempo**, al Director Regional inmediato anterior, **e.e.alvarez@ieee.org**



Reglas de Asignación

- Presentación en tiempo y forma (“Business Plan” o “Ficha de Proyecto”)
- Deben ser actividades de Estudiantes y jóvenes Profesionales
- Informe Posterior (No se dará apoyo a los eventos que no enviaron reportes por el año anterior)
- Los Congresos con trayectoria, que se repiten, deben ser autosuficientes, no reciben apoyo del Fondo.



Ejemplos de actividades apoyadas

- Reunion Regional de Ramas Estudiantiles
- Reuniones Nacionales de Ramas
- Conferencias Estudiantiles
- Otras Actividades Estudiantiles
- . . .

El Fondo ha sido siempre usado como apoyo **parcial**, no único y complementando los montos obtenidos de otras fuentes.



Más Información

<http://www.ewh.ieee.org/reg/9/index.html>

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El Fondo de Contribución Voluntaria R9 VCF



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Thanks for your attention.

Questions?



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**Regional Meeting
March 24 – 27, 2010**

