



Dr. Syed Arif Kamal

MS (Indiana, USA); MA (Johns Hopkins, USA); PhD *Member*, AIAA (USA), IBRO (France)
Convener, NCRC (Math), HEC; Subject Comm. (Math), NTS; Sub-Comm. (Sch.), Educ. Comm., TIP
Member, Expert Panel (Math), National Curriculum Council, Ministry of Education, Govt. of Pakistan
Program Convener, the Early Talent Research Participation Program
Member, Karachi University Senate; Academic Council; Board of Faculty; Board of Studies
Project Director, the NGDS Pilot Project; HEC-Approved PhD Supervisor and Ex-Chairman

Professor, Department of Mathematics UNIVERSITY OF KARACHI

Office: Room No. G-5, Department of Mathematics, University of Karachi, University Road
Paper mail: University of Karachi, Post Office Box 8406, Karachi 75270 (Pakistan)
Homepage: <http://ngds-ku.org/kamal> • *e-mail*: [kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)
Public Profile: <http://pk.linkedin.com/pub/dr-syed-arif-kamal/12/b71/400>
Telephone: (92 21) 9926 1300-6 ext. 2293 (secretary), ext. 2380 (direct)

COLLEGES, CONFERENCES, EVENTS, SYMPOSIA AND WORKSHOPS ATTENDED

My Philosophy of Life
While there is a will there is a way

NO handwritten notes except original signatures.
VOID unless bears original signatures on every page.
DATE and TIME of printing must match on every page.

Abbreviations

AKU: The Aga Khan University, Karachi
KU: University of Karachi, Karachi

- 2011**
- **S125: The Sixth Symposium on Computational Complexities, Innovations and Solutions**
Department of Mathematics, COMSATS Institute of Information Technology, Abbotabad, KP, Pakistan — Keynote Speaker, Chairman of the Second Session; nominated by Vice Chancellor, KU to deliver the Islamuddin Memorial Lecture
 - **S124: The Third National Conference on Information and Communication Technologies and Career Fair**
Usman Institute of Technology, Karachi
 - **S123: Seminar for Eradicating Corruption in the Education Sector**
Transparency International Pakistan, Karachi
 - **S122: Pakistan Institute of Physics (PIP) Conference – 2011**
Pakistan Institute of Physics and Department of Physics, University of Engineering and Technology, Lahore, Pakistan — Chairman of the Seventh Session; nominated by Vice Chancellor, KU to deliver the Salim Ahmed Memorial Lecture
 - **S121: National Conference on Contemporary Paradigms of International Relations Theories**
Department of International Relations, KU
- 2010**
- **S120: Conflict Transformation and the Challenge of Peace**
Program on Peace Studies and Conflict Resolution, Department of International Relations, KU
 - **S119: Workshop on Nanotechnology**
Department of Physics, KU
 - **S118: Civic Education in the School Curriculum**
Human Rights Commission of Pakistan, Karachi

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal> [kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org) Page 1 of 7

- 2010**
(continued)
- **S117: Meeting on Early Warning and Early Response: Political and Social Issues**
Department of International Relations, KU (comments recorded on pages 23 and 35 of *Report on the Meeting of Early Warning and Early Response*)
 - **S116: Seminar on the Possibility of Scientific Prediction of First Visibility of New Crescent**
ISPA (Institute of Space and Planetary Astrophysics), KU
 - **S115: The Fifth Symposium on Computational Complexities, Innovations and Solutions**
Department of Mathematics, COMSATS Institute of Information Technology, Abbotabad, KP, Pakistan — Chairman of the Last Session; nominated by Vice Chancellor, KU to DELIVER Prof. Dr. Q. K. Ghorri Memorial Lecture
 - **S114: Restructuring of SARC**
Program on Peace Studies and Conflict Resolution, Department of International Relations, KU
 - **S113: Drug Awareness Day**
Drug Free Pakistan Foundation and KU
 - **S112: The First National Conference on Mathematical Sciences**
Golden Jubilee Celebration
National Center for Mathematics, Higher Education Commission and Department of Mathematics, KU — Member, Advisory Committee
 - **S111: World Women Day Celebration**
Pakistan's self employed women, toward the self reliance
Center for Women's Studies, KU
 - **S110: Conference on General Relativity and Gravitation**
Department of Mathematics, University of the Punjab, Lahore — Chairman of the Last Session; nominated by Vice Chancellor, KU to deliver Prof. Dr. Khursheed Alam Khan Memorial Lecture
 - **S109: The Second SAARC Simulation Exercise**
Civic Education
Department of International Relations, KU
- 2009**
- **S108: National Conference on Physics and the World of Today**
In memory of Prof. Dr. Muhammed Rafi and Prof. Dr. Muhammed Razi Hussian
Department of Physics, KU — Chairman of the Fifth Technical Session
 - **S107: Workshop on MS/PhD Test Development**
Testing Services Committee, KU
 - **S106: The Thirty-Fourth International Nathiagali Summer College on Physics and Contemporary Needs**
Activity III: Biophotonics, Photodynamics and Microscopy, National Center for Physics, Islamabad, Pakistan
 - **S105: The Fourth Symposium on Computational Complexities, Innovations and Solutions**
Department of Mathematics, COMSATS Institute of Information Technology, Abbotabad, KP, Pakistan — nominated by Vice Chancellor, KU to read paper
 - **S104: Workshop on Physics**
Department of Physics, Government College, Hyderabad, Sindh, Pakistan
 - **S103: Early Warning Systems: Potential for Crisis Management and Regional Cooperation**
Department of International Relations, KU

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 2 of 7

- 2009**
(continued)
- **S102: Endeavoring for Heights**
The International Women's Day Seminar
Department of Mass Communication, KU
 - **S101: The Sindh Educational Conference**
The Jamia Millia Government College of Education, Karachi — Chief Guest and Keynote Speaker
- 2008**
- **S100: The Twelfth IEEE International Multitopic Conference (INMIC 2008)**
Conquering the Horizons of Future Technologies
Bahria University, Karachi — Chairman of the Technical Session I(D) [Embedded Systems and VLSI] and Panelist, Panel Discussion
 - **S99: The Thirty-Fifth All Pakistan Science Conference**
Faculty of Science, KU
 - **S98: The International Conference on Physics and the World of Today**
Physics Department Alumni and Department of Physics, KU— Chairman of the Second Scientific Session [Physics and Global Challenges]
 - **S97: The First SAARC Simulation Exercise**
Civic Education
Department of International Relations, KU
 - **S96: Workshop on Creating Awareness about Human Rights among Youth**
Department of International Relations, KU
 - **S95: The Seventh National Symposium of Pediatric Cardiology Society**
Department of Pediatrics and Child Health, AKU
 - **S94: Exploring the Universe**
Grand Seminar, ISPA (Institute of Space and Planetary Astrophysics), KU
 - **S93: Conference on Emerging Issues in Bioethics**
Center for Biomedical Ethics, SIUT (the Sindh Institute of Urology and Transplantation), Karachi
 - **S92: The CME Seminar on Multidisciplinary Approach to Osteoporosis**
AKU
 - **S91: The First National Conference on Headache and Back Pain**
The Pakistan Medical Professionals, Karachi
 - **S90: Workshop on Foreign-Policy-Making Process**
Department of International Relations, KU
 - **S89: The International Symposium on Biometrics and Security Technologies (IEEE ISBAST 2008)**
Bahria University, Islamabad, Pakistan
 - **S88: Conference on the State of International Relations in Pakistan**
Department of International Relations, KU
 - **S87: The Pre-International Nathiagali Summer College Preparatory Workshop**
Department of Physics, KU
- 2007**
- **S86: The International Workshop on Conflict-Management Mechanisms and the Challenge of Peace**
Program on Peace Studies and Conflict Resolution, Department of International Relations, KU
 - **S85: Workshop on Review of Textbooks**
National Curriculum Council, Ministry of Education, Islamabad, Pakistan
 - **S84: Vision for Neuroscience**
A symposium exploring prospects of neuroscience in Pakistan
IBRO and the Dr. Panjwani Center for Molecular Medicine and Drug Research, KU

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 3 of 7

- 2006**
- **S83: Workshop on Conflict Resolution: Realities and Solutions**
Department of International Relations, KU
 - **S82: The Tenth National Aeronautical Conference**
The Pakistan Air Force Academy, Risalpur, KP, Pakistan
 - **S81: The Challenge of Peace and Stability in the Middle East in Post 9/11 Scenario**
Department of International Relations, KU
 - **S80: Change Management**
Training and Organizational Development Department, AKU
 - **S79: Anger Management**
Training and Organizational Development Department, AKU
- 2005**
- **S78: Physics and Health Day**
A Conference on the Role of Physics in Biology and Medicine. AKU
 - **S77: The Fourth International Bhurban Conference on Applied Sciences And Technologies (IBCAST 2005)**
Activity III: Control and Simulation, National Center for Physics, Bhurban, KP, Pakistan — nominated by Vice Chancellor, KU to read paper
 - **S76: Informative Mathematical Event**
The Karachi Mathematical Association and Department of Mathematics, KU
- 2004**
- **S75: The Winter Conference in Mathematics**
Center for Advanced Studies in Mathematics, LUMS (the Lahore University of Management Sciences), Lahore, Pakistan
 - **S74: The Second Symposium on Cosmology, Astrophysics and Relativity**
Center for Advanced Mathematics and Physics, NUST (the National University of Science and Technology), Rawalpindi, Pakistan — Chairman of the First Session
 - **S73: The Fifth International Workshop on Human Security: Global and Regional Perspectives**
Department of International Relations, KU
 - **S72: The Fifth International Pure Mathematics Conference**
The Pakistan Mathematical Society and the Quaid-é-Azam University, Islamabad, Pakistan — nominated by Vice Chancellor, KU to read paper
 - **S71: Future of Higher Education in Pakistan in the Light of HEC Policies**
The United Teachers' Forum, KU
 - **S70: The First World Conference on Twenty-First Century Mathematics**
School of Mathematical Sciences, GC University, Lahore, Pakistan
- 2003**
- **S69: Interviewing Skills**
Training and Organizational Development Department, AKU
 - **S68: Anxiety Management**
Training and Organizational Development Department, AKU
 - **S67: How to Conduct Performance Appraisals?**
Training and Organizational Development Department, AKU
 - **S66: Relationship Strategies**
Training and Organizational Development Department, AKU
 - **S65: Quality Awareness and Circle Training**
Training and Organizational Development Department, AKU
 - **S64: Human-Resource Management**
Training and Organizational Development Department, AKU
 - **S63: Advanced Power Point**
Training and Organizational Development Department, AKU
 - **S62: Presentation Skills**
Training and Organizational Development Department, AKU

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 4 of 7

- 2003**
(continued)
- **S61: Manage Your Time Effectively**
Training and Organizational Development Department, AKU
 - **S60: Emotional Intelligence**
Training and Organizational Development Department, AKU
 - **S59: Training-Needs Assessment**
Training and Organizational Development Department, AKU
 - **S58: SPSS (Statistical Package for Social Sciences)**
Training and Organizational Development Department, AKU
 - **S57: Service Excellence**
Training and Organizational Development Department, AKU
 - **S56: Skills for Successful Supervision**
Training and Organizational Development Department, AKU
 - **S55: Getting Acquainted to Medical Terminologies**
Training and Organizational Development Department, AKU
 - **S54: The Aga Khan University PGME Conference**
Service and Scholarship: Striking the Balance in Postgraduate Medical Education
AKU
 - **S53: Workshop on Goal Setting**
Training and Organizational Development Department, AKU
 - **S52: The Second International Conference on Physics Education**
Center for Physics Education and Department of Physics, KU
 - **S51: JCI (Joint Commission International) Audio Conference Series**
Training and Organizational Development Department, AKU
- 2002**
- **S50: Lunch and Learn: The Basics to Improve Your Own Memory**
Training and Organizational Development Department, AKU
 - **S49: Workshop on Effective Presentation Skills**
Division of Biological and Biomedical Sciences, AKU
 - **S48: The Aga Khan University National Sciences Research Symposium**
The Early Childhood Care and Development, AKU
 - **S47: The National Telemedicine Conference Pakistan 2002**
Technology Resource Mobilization Unit (TReMU), Ministry of Science and Technology, Government of Pakistan, Islamabad, Pakistan
 - **S46: The First International Bhurban Conference on Applied Sciences And Technologies (IBCAST 2002)**
Activity II: Control Engineering, the National Center for Physics, Bhurban, KP, Pakistan
 - **S45: The Aga Khan University PGME Conference**
The Complexity Science and Health Care, AKU
 - **S44: Workshop on Information Handling in Biological Research**
Department of Biochemistry, KU
 - **S43: The Sixteenth International Biennial Conference**
The Pakistan Pediatric Association, Karachi
- 2001**
- **S42: The Aga Khan University National Symposium**
Focus: Current Challenges in Oncology, AKU
- 1999**
- **S41: The Twenty-Fourth International Nathiagali Summer College on Physics and Contemporary Needs**
First Week: High Energy Physics, Bhurban, KP, Pakistan
 - **S40: Workshop on Maternal and Fetal Malnutrition and Human Development in South Asia**
AKU
 - **S39: The Seventh Statistics Seminar**
Department of Statistics, KU

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 5 of 7

- 1998
 - S38: The Early Childhood Care and Development Seminar (ECCD)
AKU
 - S37: Workshop on Internet
SZABIST, Karachi
 - S36: The International Workshop on Recent Advances in Computer Vision
SZABIST, Karachi
- 1997
 - S35: The Aga Khan University Fourth Annual National Symposium
The Role of Neurosciences in Health, Education and Research
AKU
 - S34: The Pakistan Institute of Physics International Conference
Government College, Lahore, Pakistan— Chairman of a Session
- 1996
 - S33: The Aga Khan University Third Annual National Symposium
Impact of Research on Health, Education and Community Development AKU
 - S32: The Twenty-First International Nathiagali Summer College on Physics and Contemporary Needs
First Week: Mathematical Modeling and Simulation, Nathiagali, KP, Pakistan
 - S 31: The PIBM-SCL Seminar – Application of Mathematics in the Financial Markets
Department of Mathematics, KU
- 1993
 - S30: The Eleventh Multi-Topic International Symposium of IEEP (The Institution of Electrical Engineers, Pakistan)
Karachi
- 1992
 - S29: Symposium on Trends in Physics
Department of Physics, KU
 - S28: The Seventeenth International Nathiagali Summer College on Physics and Contemporary Needs
First Week: Computational Physics, Nathiagali, KP, Pakistan
- 1990
 - S27: The Fifty-Fifth Symposium on Quantitative Biology: The Brain
The Cold-Spring-Harbor Laboratory, Cold-Spring Harbor, New York, USA
- 1989
 - S26: The Seventh International Conference on Biomagnetism
The New York University, New York, USA
 - S25: The Third Albert Einstein Seminar
The Quaid-é-Azam University, Islamabad, Pakistan
 - S24: The Third Regional Conference on Mathematical Physics
The Quaid-é-Azam University, Islamabad, Pakistan
 - S23: The First World Lab Conference
The Quaid-é-Azam University, Islamabad, Pakistan
- 1988
 - S22: The Second National Symposium on Frontiers in Physics
The Quaid-é-Azam University, Islamabad, Pakistan
 - S21: College on Neurophysics
The Abdus-Salam International Center for Theoretical Physics (ICTP), Trieste, Italy
 - S20: College on Medical Physics
The Abdus-Salam International Center for Theoretical Physics (ICTP), Trieste, Italy
 - S19: The Fourth Summer College in Biophysics
The Abdus-Salam International Center for Theoretical Physics (ICTP), Trieste, Italy
 - S18: The Fifth International Symposium on Surface Topography and Body Deformity
Vienna, Austria

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 6 of 7

- 1987
 - S17: The Third Workshop on Teaching of Physics
Department of Physics, APWA Government College for Women, Karachi
 - S16: The Twenty-Fourth Annual Science Conference
KU
 - S15: The Autumn College on Techniques in Many-Body Problems
University of the Punjab, Lahore, Pakistan
- 1986
 - S14: The Second Albert Einstein Seminar
Karachi — Secretary of the Last Session
 - S13: The Second Workshop on Teaching of Physics
Department of Physics, APWA Government College for Women, Karachi
- 1984
 - S12: The Johns Hopkins Workshops on Current Problems in Particle Theory
The Johns Hopkins University, Baltimore, Maryland, USA
 - S11: Meeting of the American Astronomical Society
Baltimore, Maryland, USA
 - S10: The Washington Area Astronomers Meeting
The Johns Hopkins University, Baltimore, Maryland, USA
- 1983
 - S09: The National Guard Eighth Saudi Medical Conference
Riyadh, Saudi Arabia
 - S08: Workshop on Non-Perturbative QCD
The Oklahoma State University, Stillwater, Oklahoma, USA
- 1982
 - S07: The Second International Symposium on Moiré Fringe Topography and Spinal Deformity
Universität Münster, Münster, Germany
- 1980
 - S06: Biomechanics Symposium
Indiana University, Bloomington, Indiana, USA
 - S05: SPIE's Twenty-Fourth Annual International Technical Symposium and Exhibit
Town and County Hotel, San Diego, California, USA
 - S04: The International Symposium on the History of Particle Physics
The Fermi National Accelerator Laboratory, Batavia, Illinois, USA
 - S03: The International Symposium on the Mathematical Heritage of Henry Poincaré
Indiana University, Bloomington, Indiana, USA
- 1978
 - S02: The All Pakistan Mathematical Conference
The NED University of Engineering and Technology, Karachi
- 1972
 - S01: The Thirteenth Annual Science Conference
KU

Web address of this document: <http://www.ngds-ku.org/cv/Univcoll.pdf>

End of document

This document contains information as of: October 1, 2011 (0000h GMT)

Signatures _____

<http://ngds-ku.org/kamal>

[kamal\(at the rate of\)ngds-ku.org](mailto:kamal(at the rate of)ngds-ku.org)

Page 7 of 7