

PROCEEDINGS OF THE TECHNICAL SESSIONS MARCH 2016

The Technical Sessions of the Institute of Physics, Sri Lanka is held in conjunction with the Annual General Meeting of the Institute of Physics, Sri Lanka as an annual event. The purpose of the Technical Sessions is to enable members of the institute to present work done by them in the form of a paper.

All papers presented at the Technical Sessions will be edited and published as the Proceedings of the Technical Sessions by the Institute of Physics, Sri Lanka.

The scheduled deadline to submit the full papers for the the Institute of Physics, Sri Lanka Technical Sessions is 31st October of the year. Printed copies of the manuscripts in triplicate should be sent to the following address with a softcopy via email or in a compact diskette.

The Secretary

Institute of Physics, Sri Lanka
120/10, Wijerama Mawatha
Colombo 07
Email: ipsl@kln.ac.lk

Guidelines for the Submission of papers:

Three hardcopies of the paper on A4 size paper (maximum of 8 pages) should be submitted to the Secretary on or before the deadline set by the Institute of Physics, Sri Lanka.

The papers should be in camera-ready format. All papers will be refereed before acceptance for presentation at the Proceedings of the Technical Sessions.

Either review papers or original work can be presented at the Sessions.

Technical Session Editorial Committee:

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**Institute of Physics – Sri Lanka
32nd Technical Sessions 2016**

26th March 2016, from 0900 to 1210 hrs
Board Room, Faculty of Science, University of Kelaniya

U 001 2016

PROGRAMME

Technical Sessions – Presentations

Session I (0900 – 1000 hrs) - Session Chairman: Professor K.P.S. C. Jayaratne

- | | | |
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<i>Sameera Sandaruwan, Gayan Illeperuma and Upul Sonnadara</i> | 1 |
| 2 | Analysis of Composite Films Made of Tin (IV) Oxide and Silica using Electrochemical Techniques
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| 3 | Synthesis and Characterization of rGnO/Ni(OH)₂ and rGnO/NiO Nano Composites
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Session II (1030 – 1210 hrs) - Session Chairman: Professor K.D. Jayasuriya

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| 4 | Evaluation of the Sound Quality of a Classical Violin by Physically Measurable Acoustical Properties
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| 6 | Construction of a Solar Chimney Dryer and Studying its Drying Potential
<i>J.U.K. Jayasinghe and H.H. Sumathipala</i> | 39 |
| 7 | Effect of meteoritic dust on the variation of global rainfall
<i>Upali Jayasinghe and K.P.S. Chandana Jayaratne</i> | 47 |
| 8 | Synthesis and Characterization of polyaniline/SnO₂/Graphene Nano Composites
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