Sri Lanka High Commission in the UK and The Association of Professional Sri Lankans (APSL) in the UK invite you to join

SLHC - APSL RESEARCH SYMPOSIUM 2021

1ST SEPTEMBER 2021
Online via Zoom

First Session – Academic Presentations
10.00 am - 4.00 pm (BST) - Click here to register

Second Session – Keynote Address, Guest Address & Awards
5.00 pm - 7.00 pm (BST) - Click here to register

KEYNOTE ADDRESS

PROFESSOR NISHAN CANAGARAJAH
VICE-CHANCELLOR, UNIVERSITY OF LEICESTER, UK

GUEST SPEAKER

PROFESSOR SUDANTHA LIYANAGE
VICE-CHANCELLOR, UNIVERSITY OF SRI JAYEWARDENEPURA, SRI LANKA

For further details please contact:
education@apsl.org.uk and education@slhc-london.co.uk
SLHC - http://srilankahc.uk
APSL - https://www.apsl.org.uk
# SLHC - APSL Research Symposium 2021

## Session 1 - Science/Engineering/Energy - 10.10 am – 11.10 am

**Session Chair:** Professor Harshani Karunaratna - University of Swansea, Wales, UK  
**Judges:**  
- Dr Suresh Surendran - University of Coventry, England, UK  
- Dr Trishantha Nanayakkara - Imperial College London, England, UK  
- Dr Mohan Siriwardena - Liverpool John Moores University, England, UK

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<tr>
<td>01</td>
<td>DC Collection Systems for Offshore Wind Power Plants</td>
<td>Gayan Abeynayake</td>
<td>Cardiff University, UK</td>
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<td>02</td>
<td>Exfoliated Graphite/Polypyrrole hybrid capacitor as a cost-effective energy storage device</td>
<td>D S K Rajaguru</td>
<td>Wayamba University of Sri Lanka</td>
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<td>03</td>
<td>Design and development of multidisciplinary tool for performance and durability enhancement of fuel cell-based aviation applications</td>
<td>Keshan Karunadipathi</td>
<td>University of South Wales, UK</td>
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## Session 2 - Social Science/IT - 11.30 am – 12.30 pm

**Session Chair:** Professor Danture Wickramasinghe, University of Glasgow, Scotland, UK  
**Judges:**  
- Professor Muttukrishnan Rajarajan - City University of London, England, UK  
- Dr Dulini Fernando - University of Warwick, England, UK  
- Dr Thushara Hewage - University of Cardiff Metropolitan, Wales, UK

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<tr>
<td>04</td>
<td>Community-Based Holistic Approach for Transformative and Risk-Sensitive Urban Development: A Conceptual Framework</td>
<td>Malsha Devindi Geekiyange</td>
<td>University of Salford, UK</td>
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<td>05</td>
<td>Investigating the relationship between Bring Your Own Devices and the Teacher's Productivity in Western Province Sri Lanka</td>
<td>W A Maduni Hansika</td>
<td>Wayamba University of Sri Lanka</td>
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<td>06</td>
<td>Can developing countries make the instantaneous transition to online education during COVID 19?</td>
<td>Punsisi Somaratne</td>
<td>University of the West of England, UK</td>
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## Session 3 - Social Science/Medical - 1.30 pm – 2.30 pm

**Session Chair:** Professor Sir Sabaratnam Arulkumaran, St George’s University of London, England, UK  
**Judges:**  
- Dr Lalantha Leelarathna - University of Manchester, England, UK  
- Dr Andrew Nayagam – National Health Service (NHS), UK  
- Dr Dilrini De Silva - University of Cambridge, England, UK

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<td>07</td>
<td>A feasibility Study to Develop a Screening Programme to Prevent Blindness due to Diabetic Eye Disease in Sri Lanka</td>
<td>Dr M M P N Piyasena</td>
<td>Queen's University Belfast, UK</td>
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<td>08</td>
<td>Time Series Analysis to Forecast the Future Death Cases of COVID-19 in Sri Lanka</td>
<td>Nathasha K Boralessa</td>
<td>Wayamba University of Sri Lanka</td>
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## Session 4 - Physics & Engineering - 2.50 pm – 3.50 pm

**Session Chair:** Professor Michael Philip Eddleston- University of Edinburgh, Scotland, UK  
**Judges:**  
- Professor Terrance Fernando - University of Salford, England, UK  
- Dr Anil Fernando – University of Surrey, England, UK  
- Dr Zulfa Yoosuf - Cardiff University, Wales, UK  
- Dr Mahesh De Silva – Nybolt Limited, UK

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<td>10</td>
<td>A Computational study of small Hubbard Clusters of the Two Leg Ladder at Quarter filling</td>
<td>C A J Hatharasinghe</td>
<td>University of Sri Jayewardeneepura, Sri Lanka</td>
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<td>11</td>
<td>Impedance Spectroscopy on a safe, low-cost electrochemical double layer capacitor</td>
<td>H G N Rajapaksha</td>
<td>Wayamba University of Sri Lanka</td>
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## Technical Committee led by
- Professor I. M. Dharmadasa – University of Sheffield Hallam, England, UK (dharme@shu.ac.uk)  
- Dr Leshan Uggalla – University of South Wales, Wales, UK (leshan.uggalla@southwales.ac.uk)