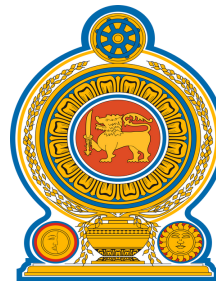


Sri Lanka High Commission in the UK and The Association of Professional Sri Lankans (APSL) in the UK invite you to join



**SLHC - APSL**

**RESEARCH SYMPOSIUM**

**2021**

**1<sup>ST</sup> 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 JAYWARDENEPURA,  
SRI LANKA**



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**SLHC** - <http://srilankahc.uk>

**APSL** - <https://www.apsl.org.uk>



## SLHC - APSL Research Symposium 2021

### 1<sup>st</sup> September 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

01	Gayan Abeynayake 10.10 am – 10.30 am	DC Collection Systems for Offshore Wind Power Plants	Cardiff University, UK
02	D S K Rajaguru 10.30 am – 10.50 am	Exfoliated Graphite/Polypyrrole hybrid capacitor as a cost-effective energy storage device	Wayamba University of Sri Lanka
03	Keshan Karunadipathi 10.50 am – 11.10 am	Design and development of multidisciplinary tool for performance and durability enhancement of fuel cell-based aviation applications	University of South Wales, UK

#### 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

04	Malsha Devindi Geekiyanage 11.30 am – 11.50 am	Community-Based Holistic Approach for Transformative and Risk-Sensitive Urban Development: A Conceptual Framework	University of Salford, UK
05	W A Maduni Hansika 11.50 am – 12.10 pm	Investigating the relationship between Bring Your Own Devices and the Teacher's Productivity in Western Province Sri Lanka	Wayamba University of Sri Lanka
06	Punsisi Somaratne 12.10 pm – 12.30 pm	Can developing countries make the instantaneous transition to online education during COVID 19?	University of the West of England, UK

#### 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

07	Dr M M P N Piyasena 1.30 pm – 1.50 pm	A feasibility Study to Develop a Screening Programme to Prevent Blindness due to Diabetic Eye Disease in Sri Lanka	Queen's University Belfast, UK
08	Nathasha K Boralessa 1.50 pm – 2.10 pm	Time Series Analysis to Forecast the Future Death Cases of COVID-19 in Sri Lanka	Wayamba University of Sri Lanka
09	Sashika Dhammaransi Withanage 2.10 pm – 2.30 pm	Hybridized Bio-Diversity Accounting Practices in a Post-Colonial Neo-Liberalism: the case of Sri Lankan Tea Plantation Sector	University of St. Andrews, UK

#### 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 – Nyobolt Limited, UK

10	C A J Hatharasinghe 2.50 pm – 3.10 pm	A Computational study of small Hubbard Clusters of the Two Leg Ladder at Quarter filling	University of Sri Jayewardenepura, Sri Lanka
11	H G N Rajapaksha 3.10 pm – 3.30 pm	Impedance Spectroscopy on a safe, low-cost electrochemical double layer capacitor	Wayamba University of Sri Lanka
12	D C Maddumage 3.30 pm – 3.50 pm	Effect of Annealing Temperature on Electrical Properties of RGO Thin Films Deposited by Atomized Spray Pyrolysis	University of Peradeniya, Sri Lanka

#### Technical Committee led by

- Professor I. M. Dharmadasa – University of Sheffield Hallam, England, UK ([dharme@shu.ac.uk](mailto:dharme@shu.ac.uk))
- Dr Leshan Uggalla – University of South Wales, Wales, UK ([leshan.uggalla@southwales.ac.uk](mailto:leshan.uggalla@southwales.ac.uk))