

Shaping the future of ICT professionals

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Newsletter May 2017

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CSSL President's Column



Earlier this month, we had the opportunity to organize the official Unveiling Ceremony of CSSL Past Presidents' Portraits. Portraits of most recent four Past Presidents Mr Chrisantha Silva, Mr Mahesh Perera, Mr Ajith Salgado and Dr Dayan Rajapakse were unveiled. This was a very satisfying moment for all of us at CSSL to be able to felicitate those who have done an enormous service to CSSL, ICT industry and Sri Lanka at large.

In the latest AGM we held, one area that I promised was the improvement of access to digital knowledge by our members. One major breakthrough has now been launched in this respect with the launch of ACS Digital Library in Sri Lanka.

Link - www.acs.org.au/ppp/cssl.html

This program will give the CSSL members a digital subscription to ACS Products and Services. And these will include:

- ICT Leaders Vodcasts Video sessions include thought leaders, Senior Executive's and Board Members from organisations such as the ANZ Banking Group, Stone & Chalk, CSIRO, Google, Commonwealth Bank of Australia, Tabcorp, Telstra, Westpac Banking Corporation, Deloitte Access Economics, Woodside Energy and Coca-Cola Amatil, They also will have international speakers from the US, Malaysia, India and New Zealand to name a few.
- Online Professional Development Digital Library – This includes over 28,000 digital learning assets with over 7,500 technical and desktop skills videos covering areas such as Cloud Computing and Virtualization, Web Development and Graphic Design, Software Design and Development, Operating Systems and

Servers, Mobile Devices and Computer Skills as examples.

As you know, the CSSL is organising Sri Lanka's Biggest Ever International ICT event in September this year. This is the National IT Conference (NITC) combined with regional SEARCC Conference and also international General Assembly of IFIP. South East Asian Computer Confederation (SEARCC) and International Federation for Information Processing (IFIP) will be our key partners at this event platform. Details are now available at nitc. Ik, and we invite you to reserve your seats at your earliest.

Technical knowledge sharing events of CSSL are now branded as CSSL Tech Talks. Another one of these was organized on the 4th of April together with Sri Lanka Institute of Information Technology (SLIIT), on 'The Rise of Crypto-Currency'.

The CSSL Student membership development program is progressing well. We launched a major initiative in January to broaden our student membership. With this, now we are working with many government and private sector universities to bring on board all their students and I am happy to report that we have over 1500 new student members registered this year. I hope this important strategic move will have a long lasting impact on CSSL's strength.

CSSL is a members' organization. Our strength is in our membership. So I would like to remind you to renew your membership for 2017 if you haven't already done so. I look forward to meeting you at our future events, and you can get in touch with us at membership@cssl.lk.

Thank you.

Yasas Vishuddhi Abeywickrama President Computer Society of Sri Lanka



Unveiling of CSSL Past Presidents' Portraits

The CSSL has officially Unveiled CSSL Past Presidents' Portraits at the Secretariat on the 3rd of May 2017. Portraits of most recent four Past Presidents Mr. Chrisantha Silva (2009-2011), Mr. Mahesh Perera (2012-2013), Mr. Ajith Salgado (2014) and Dr. Dayan Rajapakse (2015-2016) has been unveiled on this ceremony.







14th & 15th September 2017 Galadari Hotel, Colombo

Guest Speakers



Dr. Rod Dilnutt Director William Bethwey & Associates / Fellow University of Melbourne.



Prof. Dr. Kai Rannenberg Professor for Mobile Business & Multilateral Security



Prof. Dr. Dimiter Velev Professor at University of National and World Economy, Sofia, Bulgaria,



Ms. Moira de Roche Holmes Deputy Chairman and Director of IFIP IP3 / Past President of IITPSA



Prof. Tom Crick Professor of Computer Science & Public Policy (and Deputy Director of Enterprise) at Cardiff Metropolitan University, UK / Vice President Of BCS

CSSL COMPUTER SOCIETY OF SRI LANKA

Secretariat 275/75, Prof. Stanley Wijesundara Mawatha Colombo 07, Sri Lanka Tel: +94 11 4713336 Fax +94 11 2508009



BE ASAGARAS BIGGEST - EVER International **ICT EVENT** 2017

Computer Society of Sri Lanka (CSSL) is the Sri Lankan representative on International Federation for Information Processing (IFIP). IFIP is the leading multinational organization in ICT which is recognized by United Nations and other world bodies. IFIP has the representation of ICT Societies from 56 countries/regions, covering five continents with a total membership of over half a million. It links more than 3500 scientists from Academia & Industry. (http://ifip.org)

Sri Lanka proposed to IFIP that its' annual General Assembly meeting be held in Sri Lanka in September 2017 and at the recently concluded 2016 General Assembly in Costa Rica, they decided to offer this opportunity to Sri Lanka.

This meeting requires IFIP General Assembly members to come to Sri Lanka and it is expected that about 60+ foreign individuals will come for the meeting. There will be additional people as their families may also with come them. Nearly 40 countries will be represented at this meeting. This is a great opportunity for Sri Lankan Information and Communications Technology (ICT) sector to connect with the world. It is also an opportunity for Sri In 2017, CSSL will organize SEARCC Conference 2017 in Partnership with NITC in conjunction with IFIP General Assembly.

Lanka from a tourism perspective to showcase ourselves to the world.

We are planning to host this meeting, in parallel to the National IT Conference (NITC) that CSSL organises every year. Therefore, visiting foreign delegates would speak at the conference, transferring immense knowledge to our industry and its professionals. NITC also has a regional partnership this year with SEARCC (South East Asian Regional Computer Confederation http://www.searcc.org), and will be launched as SEARCC Conference 2017 in Partnership with NITC.

"This has created a unique National, Regional and International blend."

An event of this magnitude with such broad international participation has not occurred in Sri Lanka in the recent past in relation to the ICT sector. So, we truly believe that this is a golden opportunity for ICT industry and the country at large.



The Computer Society of Sri Lanka (CSSL) is the premier organization dedicated to promoting and improving professional standards in the information and Communication Technology sector since 1976.

The annual CSSL ICT AWARDS has been organized for the fifth consecutive year in order to encourage, recognize and celebrate the excellence in ICT practice by rewarding the best and the finest of ICT professionals. Visit www.cssl.lk for more information on nominations/application procedure Applications/Nominations close on 30th June 2017

The CSSL calls for Applications/Nominations for

- CSSL ICT Leader of the Year
- CSSL Female ICT Leader of the Year
- CSSL Emerging ICT Leader of the Year
- CSSL CIO of the Year
- CSSL ICT Educator of the Year
- CSSL ICT Researcher of the Year
- CSSL Best Start-Up of the Year
- CSSL ICT Student Award Undergraduate Category
- CSSL ICT Student Award School Category



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NITC 2017 Partners with IEEE

In April 2017, National IT Conference - NITC 2017 partnered with IEEE, the world's largest technical professional organization for the advancement of technology.

This comes in the background of 35th annual NITC organised by the Computer Society of Sri Lanka (CSSL) to be held in September in Colombo has already evolved into being Sri Lanka's biggest-ever international ICT event by partnering with SEARCC Conference, which of relevance to the South East Asian region and also partnered with International Federation for Information Processing (IFIP) to host their annual General Assembly (GA) meeting in Colombo in parallel to NITC.

IFIP is the world's largest IT industry federation (http://www.ifip.org) and due to its annual General Assembly being held in Sri Lanka, it is expected that about 75+ foreign individuals from across the world (nearly 50 countries) will come to Sri Lanka.

CSSL Student Counselor/Executive Council Member Professor Samantha Thelijjagoda was instrumental in finalizing the partnership with IEEE. Professor Thelijjagoda is the Technical Program Chair of NITC while Prof. Chandimal Jayawardena will be Technical Program Co-Chair, representing IEEE.

IEEE and its members inspire a global community to innovate for a better tomorrow through its more than 420,000 members in over 160 countries, and its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted "voice" for engineering, computing, and technology information around the globe.

Further details can be found at nitc.lk and cssl.lk

CSSL Column in Sunday Observer

The CSSL Council has arranged a weekly column in the Sunday Observer newspaper for CSSL to discuss ICT related matters with a broad audience.

We believe this is a good opportunity for our members to publicize the work you do, new findings in our field, new technologies, new projects that you are involved in, achievements, thought leadership concepts etc., as well as for the CSSL to raise voice for ICT Professionals more broadly. This is in-line with raising the presence of CSSL, that was presented in the Vision for CSSL, at the recent AGM. We invite our valued members to send in your articles to us with above context in mind, and also keeping in mind that the reader audience is a broad audience (not necessarily highly technical). Each column should be around 750 words, in MS Word format, preferably with graphics wherever possible.

As this will continuously run, you are invited to send in articles at any time, as and when there are important pieces to be shared.

We look forward to your contributions. Please send them to membership@cssl.lk

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Call For Papers NITC 2017 **WIEEE**

35th National Information Technology **Conference in partnership with SEARCC** towards digital prosperity

14th - 15th September 2017

The 35th National Information Technology Conference (NITC 2017) in partnership with South East Asia Regional Computer Confederation (SEARCC) themed "Towards Digital Prosperity" organized by the Computer Society of Sri Lanka (CSSL) will be held on 14th - 15th September 2017 at Galadari Hotel, Colombo, Sri Lanka. This key annual Information and Communication Technology Conference is intended to provide a forum for industry practitioners and academia, to keep up to date with current technology trends, interact with industry experts and network with peers. CSSL is pleased to invite papers from the authors to be presented at the conference. The conference will engage in a dialogue that examines a broad range of topics with the spirit of its theme. The papers shall be submitted in the following area but not limited to the suggested list below;

- · Adaptive security
- Agile Software Development
- Artificial Intelligence
- · Big Data and Analytics
- Blockchain based Technologies
- · Broadband for Digital Prosperity
- Business Process Re-engineering
- · Child Safety and Security
- · Cloud Computing and Cloud Security
- · Computer Forensics
- · Deep Learning
- · DevOps
- · Digital Cities
- · Digital Ecosystems
- · Digital inclusion of differently abled

- Digital Twin
- E Education
- · E-Healthcare and Health Informatics
- · Energy Harvesting
- · Entrepreneurship in the ICT sector
- · E-Tourism
- · FinTech
- · Green IT
- Human Computer Interaction
- · ICT Capacity Building

- . IT Governance and Assurance

Secretariat

- · Mobile App Disruption

- NLU (Natural Language Understanding)
- · Open Source for Digital Inclusion
- OTT Broadcasting
- · Professionalism in ICT
- Public Service Innovation through ICT
- · Quality Assurance
- Robotic Process Automation (RPA)
- Sensor Fusion
- Service Availability Management
- · Smart Payments
- · Social Networks and Communities
- · Software Defined Infrastructure
- · Vehicle to Vehicle communication
- · Virtual & Augmented Reality

All submitted papers will be peer reviewed by a highly gualified panel of reviewers. Accepted papers will be published in the printed copy and the CD versions of the proceedings. The proceedings will also be available in the IEEE Xplore digital library. The authors are requested to submit papers with a short biography of the author/s and their contact details.

Paper submission deadline	31 st May 2017
Notification of acceptance	15 th July 2017
Camera ready paper submission	31 st July 2017

The author guidelines will be available at www.cssl.lk Authors are requested to send papers via info@cssl.lk





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- · Information Security
- IOT / IOF
- ML (Machine Learning)





Digital Library Launched in Sri Lanka

ICT Leaders Vodcasts

Video sessions include thought leaders from organisations such as the ANZ Bank, Stone & Chalk, CSIRO, Google, Commonwealth Bank of Australia, Telstra, Westpac Bank, Deloitte Access Economics and Coca-Cola Amatil. It also has international speakers from the US, Malaysia, India and New Zealand etc.

> : Link www.acs.org.au/ppp/cssl.html

Contact CSSL for clarifications at info@cssl.lk



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For the FIRST TIME in Sri Lanka

Exclusive for CSSL Members at a SPECIAL DISCOUNT

Secretariat:

275/75, Prof. Stanley Wijesundara Mawatha Colombo 07, Sri Lanka. Tel: +94 11 4713336 Fax +94 11 2508009



ජාතික මට්ටමේ පාසල් තොරතුරු හා සන්නිවේදන තාක්ෂණ ශූරයෝ තරඟාවලිය - 2017

තොරතුරු හා සන්නිවේදන තාක්ෂණ විෂය සම්බන්ධයෙන් අධතපන අමාතතංශයේ තොරතුරු හා සන්නිවේදන තාක්ෂණ ශාබාව, ශී ලංකා තොරතුරු තාක්ෂණ කර්මාන්ත මණ්ඩලය (FITIS) සහ ශී ලංකා පරිගණක සංගමය (CSSL) සමඟ එක්ව 9 වෙනි වරටත් පවත්වනු ලබන

තරඟාවලිය මට්ටිිිිටම් නිල ජාතික

ජාතික මට්ටමේ

පාසල් මෘදුකාංග තරගාවලිය - (NSSC) ශී ලංකා පරිගණක සංගමය (CSSL) කියාත්මක කරනු ලබන මාර්ගගත (Online) තරගාවලිය

මෙම තරඟය වයස් කාණ්ඩ දෙකක් යටතේ පහත පරිදි පැවැත්වේ.

සළම කාණ්ඩය - (Group - 1

2017 වසරේ ජනවාරි 01 දිනට වයස අවුරුදු 17 ට අඩු සිසුන්

දෙවන කාණ්ඩය - (Group - 2)

2017 වසරේ ජනවාරි 01 දිනට වයස අවුරුදු 17 හෝ ඊට වැඩි හෝ එහෙත් එදිනට වයස අවුරුදු 19 ට අඩු සිසුන් මම තරගයේ ස්වභාවය

පුශ්න පනුයක් මගින් සිදුකරන ලිබ්න පරීක්ෂණායකි. මෙස පළාත් මට්ටමින් පවත්වනු ලබයි

මෙය මාර්ගගත (online) ලෙස පැවැත්වෙත තරගයකි. පරිගණක වැඩසටහන් ගොඩනැංවීමට තරගකරුවන්ට සිදුවන අතර ඇගයීම ද මාර්ගගතව ම සිදු කරනු ලබයි.

තරගය සඳහා අයදුම් කිරීමට C/C++ හෝ C# හෝ Java හෝ Python පිළිබඳ මූලික අවබෝධයක් තිබිය යුතු ය.

තරගය සඳහා ලියාපදිංචි වීමේ අවසන් දිනය 2017 ජුනි 30

තරගය සම්බන්ධ වැඩි විස්තර සැනා මු ලංකා පරිගණක සංගමය (CSSL) 275/75 නොවාර්ය ස්ටැන්මු විජේසුන්දර මාවන and the of දුරකථන ෆැක්ස් - 011 2592762 - 011 2508009 - info@cssl.lk E-mail

NSSC 2017

Web site - www.cssl.lk

ගුරුවරුන් සහ ගුරු සිසුන් සඳහා වන තරගාවලිය

අධනපන අමාතයංශය මගින් කියාත්මක කරනු ලබන තරගාවලිය

තුරුවරුන් සඳහා වන 'නිර්මාණාත්මක ගරුවරු'' තරහා

මෙම නරඟය රජයේ පාසල් සහ රජයේ අනුතෙ පෞද්ගලික පාසල්වල සේවය කරනු ලබන ගුරුභවතුන් සඳහා පැවැත්වේ.

පොදු භාවිතයන් (General Application)

C/C++ හෝ C# හෝ Java හෝ Pascal හෝ Phython හෝ (එම මෘදුකාංගවලට ම සීමා නාවේ.) පරිගණක භාෂාවන් ඇසුරු කරමන් නිර්මාණය කරන ලද වෙබ් අඩවි, Desktop Applications, ජංගම යෙදවම්, අන්තර්ජාල යෙදවම් භාවිය

විදහපිඨ ඉරු සිසුන් සඳහා වන "තිර්මාණාත්මක ඉරුවරු" තරගය

🖸 පොදු භාවිතයන් (General Application)

C/C++ හෝ C# හෝ Java හෝ Pascal හෝ Phython හෝ (එම මෘදුකාංගවලට ම සීමා නොවේ.) පරිශණක භාෂාවන් ඇසුරු කරමින් නිර්මාණය කරන ලද වෙබ් අඩව්, Desktop Applications, ජංගම යෙදවුම්, අන්තර්ජාල යෙදවුම් සාදිය

තරගය සඳහා ලියාපදිංචි වීමේ අවසන් දිනය - 2017 ජූනි 30 නිර්මාණ ඉදිරිපත් කිරීමේ අවසන් දිනය - 2017 ජූලි 31



තරුණ පරිගණක විදහඥයින්ගේ තරගාවලිය - (YCS) මු ලංකා තොරතුරු තාක්ෂණ කර්මාන්ත මණ්ඩලය (FITIS) ක්යාත්මක කරනු ලබන තරගාවලිය

මෙම තරඟය වයස් කාණ්ඩ තුහක් යටතේ පහත පරිදි පැවැත්වේ.

පළමු කාණ්ඩය - (Group -

2017 වසරේ ජනවාරි 01 දිනට වයස අවුරුදු 10 තෝ ඊට වැඩි තෝ එනෙත් එදිනට වයස අවුරුදු 13 ට අඩු සිසුන්

- තිමාණ හිරිමාණ (3D Computer Graphic Presentation)
- ඉදිරිපත් කිරීමේ යොදුළුම් භාවිත කර සකස් කරන 0 EARCHAR
- (Projects Developed by Presentation Software) වන කාණ්ඩය - (Groun

2017 වසරේ ජනවාරි 01 දිනට වයස අවරුද 13 හෝ ඊට වැඩි හෝ එහෙත් එළිනට වයස අවුරුදු 17 ට අඩු සිසුන්

- පට්ගණක වැඩසටහන් (Computer Application) පරිගණක කිසා නිර්මා 0
- (Computer Gaming Application)
- කොංග හා මාදකාංග සම්බන්ධිපා හිර්මාණ (Embedded system)

තෙවන කාණ්ඩය - (Group - 3)

2017 වසරේ ජනවාරි 01 දිනට වයස අවුරුදු 17 හෝ ඊට වැඩි හෝ එහෙත් එදිනට වයස අවුරුද 20 ට අඩු සිසුන්

- 🕒 පොදු භාවිතයන් (General Applications)
- 0 දාඩාංග හා මෘදුකාංග සම්බන්ධිත නිර්මාණ
- (Embedded system) 0
- රොබෝ තාක්ෂණය (Robotics) දශය පාදක භාවිතයන් (Vision Based Application)

තරගය සඳහා ලියාපදිංචි වීමේ අවසන් දිනය - 2017 ජූනි 30 නිර්මාණ ඉදිරිපත් කිරීමේ අවසන් දිනය - 2017 ජැමි 31

තරඟය සම්බන්ධ වැඩි විස්තර සදහා ම දායා තෝරතුරු තාක්ෂාග කර්මාත්ත මෝධදාය 17/6, පළමු පටුමහ, ගෝනම් තාර, බොරැල්ල දුරකරන - 011 2665261/011 4422490 දුරක්රන ඇක්ස් - 011 2665262 - software@fitis.lk E-mail

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