DAY- I

Library Conference Hall - Main Campus

8:30 AM : Registration (Quadrangle)

9:00 - 9:05 AM : Welcome by LOC Chair introducing TISS Director and IFIP Team

9:05 - 9:15 AM: Address by Director, TISS

9:15 - 9:30 AM: Address by Chairs of the conference - Don Passey and Therese Keane and Chair of IFIP TC3 - Sindre Røsvik

9:30 - 9:45 AM : Introduction to the Conference Theme - Prof. Don Passey

10:00 - 11:00 AM : Keynote Address by Davide Storti

Chair: Don Passey
Youth education projects in computer science and making mobile apps: a worldwide perspective

11:00 - 11:30 AM : TEA BREAK (Foyer outside Library Conference Hall)

11:30 - 12:30 PM : Breakout room 1 (Board Room - New Campus)

Full Paper  Chair : Mikko Ruohonen

- Preliminary Learning and Teaching Outcomes of Project Based Learning with ICT
  - Amina Charania, Ishmeet Kaur, Sumegh Paltiwale and Durba Sarkar

- An Engineering Approach for Writing a Research Manuscript
  - Rebecca Dsouza, Anant Nimkar and Sunil Ghane

- Dealing with State Education Hierarchy - Challenges in Implementation: dependencies in large scale intervention projects.
  - Shashank Parimi and Spoorthi Nidhuram

- Whoever reads the T&Cs anyway?
  - Andrew Fluck

Breakout room 2 (Green Room - Convention centre)

Full Paper  Chair : Javier Osorio

- Learning with ICT in underserved schools in India: A study on the impact of Connected Learning Initiative
  - Renbeni Kikon, Meera Chandran and Arundhati Roy

- IT Curricula versus Labour Market Requirements in the Area of Cloud Computing in Austria
  - Peter Garscha and Alexander Wöhrer

- The new computer science curriculum in Poland– challenges and solutions
  - Maciej M. Sysło

12:00 - 01:00 PM : Library Conference Hall - Main Campus

Industry and System Foresights  Chair : Sindre Røsvik

- A Mobile Application for Building Foundational Literacy Skills in India
  - Radhika Misquitta and Aditi Ghosh

- Learning from a foray into digital library of Indian literature for children
  - Parul Bajaj and Jeevitha C

- Large-Scale Deployment of Technology-Enabled Reading Solution
  - Iyer Hemavathi Murthy and Priya Viswanath

- The “WAZA” Method: How to Make MooCs for Blending Learning on Practical Skills and Knowledge
  - Keiji Emi, Shinzo Kobayashi, Seiichiro Aoki and Toshio Okamoto
12:30 - 01:30 PM:

**Breakout room 1 (Board Room - New Campus)**

**Short Paper**
- Chair: Therese Keane
- Teacher Empowerment, Training and Professional Development with ICT
  - Sunita Mohanty
- Relationship Between Demographic Factors and Teachers’ Performance in a TPD Program
  - Sohini Sen, Amina Charania, Rukmini Avadhanam and Ishmeet Kaur
- Use of Community of Practice for In-service Government Teachers in Professional Development
  - Sumegh Paltiwale, Durba Sarkar, Dr. Amina Charania and Vijay Jathore
- Authentic Learning Through Project Based Learning in ITE (Integrated Approach to Technology in Education) an Initiative of TATA Trust
  - Srabanti Basak, Sajid Hussain Ansari, Moumita Dutta and Maman Halsana

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01:00 - 02:30 PM:

**LUNCH (Convention Centre Lobby)**

02:30 - 04:00 PM:

**Breakout room 2 (Green Room - New Campus)**

**Symposium:** Exploring Issues of Inclusion in Computing Education
- Cathy Lewin, Eleanor Overland, Louise Hayes and Mick Chesterman

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**Breakout room 1 (Board Room - New Campus)**

**Short Paper**
- Chair: Mikko Ruohonen
- Universal Design for Learning in the Indian Classroom: Supporting Struggling Learners
  - Radhika Misquitta and Rudri Joshi
- Vocabulary Instruction in the Indian Classroom: Problems and Practical Solutions
  - Radhika Chandrasekaran
- **DIGITAL STORYTELLING: DIGITAL AND SOCIAL EQUITY**
  - Sanjukta Sarkar
- Using Passion Projects in the Indian Classroom - Building Soft Skills for the Future
  - Riddhi Gogri
- Re-imagining Learning - A New Approach
  - Padma Iyer, Naveen Mahesh and Nandini Ramesh
- Factors influencing student aspirations towards higher education: Findings from a baseline study of an ICT intervention in education for underserved communities
  - Renbeni Kikon
OCCE 2020
Open Conference on Computers in Education “Empowering Teaching for Digital Equity and Agency”

02:30 - 04:00 PM:
Library Conference Hall - Main Campus
Learning and Teaching Presentation
Chair: Javier Osorio
- Computational Thinking in Government Schools in Rural Assam, India
  - Utpal Medhi, Durba Sarkar, Nilkamal Choudhury and A. K. Md Samsul Huda
- Digital Equity and Agency by Pratham InfoTech Foundation
  - Prem Yadav, Roopa Billava, S Kapthianmuan Ngaihte and Loni Bora
- A critical analysis of aide et action’s ict tool of intervention in the bandipur school development project
  - Dhiphti Dona
- Integrating ICT in an Islamic Studies Class in Afghanistan
  - Nadia Qazizada, Caroline Francis and Amina Charania
- Empowering Teachers Building Digital Portfolios for Professional Growth
  - Neha Chheda and Susan L. Hillman

04:00 - 04:30 PM:
TEA BREAK (Outside respective Break-Out Rooms)

04:30 - 06:00 PM:
Library Conference Hall - Main Campus
Panel Discussion with Representatives from Government and Foundations - Role of ICT in bridging learning and opportunity gaps: Issues of Quality, Scale and Sustainability

06.00 PM:
End of the formal proceedings followed by Reception - High Tea
(Lobby of Library Conference Hall - Main Campus)
DAY- II

09:00 - 10:00 AM :

**Library Conference Hall- Main Campus**

**WG3.1 AGM**

Breakout room 1 (Green Room - Convention centre)

**WG3.4 AGM**

10:00 - 11:00 AM :

**Library Conference Hall- Main Campus**

*Keynote Address by* Aaditeshwar Seth  
*Chair*: Mikko Ruohonen  
Participatory media, rural communities and lifelong learning

11:00 - 11:30 PM :  
**TEA BREAK (Foyer outside Library Conference Hall)**

11:30 - 01:00 PM :

**Library Conference Hall- Main Campus**

*Symposium*: Learners and learning contexts: New alignments for the digital age - Outcomes from EDUsummIT 2019  
- Mary Webb, Andrew Fluck, Cathy Lewin, Christine Bescherer, Deirdre Butler and Margaret Leahy

**Breakout room 1 (Green Room - Convention centre)**

*Full Paper*  
*Chair*: Sindre Røsvik

- **Course Space: The Observatory of Courses Taken Models in Interdisciplinary Departments**  
  - Daiki Shiozawa, David Hoenigman and Yoshiaki Matsuzawa
- **Analytic Framework for designing an ICT intervention**  
  - Diksha Rehal and Soham Bhattacharya
- **Blended course for ICT Integration for teaching mathematics: Findings from design based research in India**  
  - Ruchi S. Kumar
- **A discourse analysis of OER impact on globalization in Africa Higher Education**  
  - Frederick de Heer-Menlah

01:00 - 02:00 PM :  
**LUNCH (Convention Centre Lobby)**

02:00 - 03:30 PM :

**Library Conference Hall- Main Campus**

*Symposium*: Framework for ICT and Education Integration in Indian Secondary Schools  
- Amina Charania, Sanjay Radhakrishnan, Rukmini Avadhanam, Uchita Bakshani, Ramaa Muthukumaran, Rishi Mazumdar and Ekta Singla

**Breakout room 1 (Green Room - Convention centre)**

*Short Paper*  
*Chair*: Cathy Lewin

- **Learning Spaces for Computational Thinking An exemplar from India to promote Digital Agency**  
  - Panchalee Tamulee, Raoson Singh and Amina Charania
- **Text Data Analysis on Answers Written in Japanese to Free Text Questions obtained at Astronomical Lectures**  
  - Seiichiro Aoki, Kazushi Sakka, Keiji Emi, Shinzo Kobayashi and Toshio Okamoto
- **Inquiry-based Mathematics Learning Using Coding**  
  - Christine Bescherer and Andreas Fest
- **On the way to a Scientific Informatics Education at Schools - Why Universities should Outreach to Schools**  
  - Gerald Futschek and Philipp Prinzinger

03:30 - 04:00 PM :  
**TEA BREAK (Outside respective Break-Out Rooms)**
04:00 - 05:00 AM:
Library Conference Hall- Main Campus
WG3.3 AGM

Breakout room 1 (Green Room - Convention centre)
WG3.7 AGM

05:00 - 05:30 PM:
End of day Proceedings

05:30 PM:
Evening Tour and Conference Dinner
(for those who registered for this event)
DAY- III

09:00 - 10:00 AM: Old Conference Hall - Main Campus
Keynote Address by Padma Sarangapani
Chair: Don Passey
Continuous Professional Development for Teachers: What Works, Why and What is worth doing with ICT.

10:00 - 10:30 PM: TEA BREAK (Ground Floor Passage of Old Conference Hall)

10:30 - 11:30 PM: Old Conference Hall - Main Campus
Full Paper
Chair: Therese Keane
- Meaningfulness as a driving force for women in ICT - What motivates women in software industry?
  - Sonja Hyrynsalmi, A.K.M. Najmul Islam and Mikko Ruohonen
- Hidden gender lessons behind an effective teaching experience combining major IT use and a problem-based approach
  - Javier Osorio and Francisca Alamo
- IGGniting STEM in Irish Girl Guides
  - Margaret Leahy, Deirdre Butler and Nicola Broderick

Breakout room 1 (Green Room - Convention centre)

Full Paper
Chair: Torsten Brinda
- ICT-Rich Programming Projects
  - Michael Weigend
- Integration of ICT into education: Lessons Learnt at the State University of Zanzibar and the Midlands State University in Zimbabwe
  - Shephard Pondiwa, Umayra Al-Nabhany and Margaret Phiri
- The problem of teaching object-oriented programming in a heterogeneity classroom
  - Sima Darabi

11:30 - 12:30 PM: Old Conference Hall - Main Campus
Full Paper
Chair: Therese Keane
- Determinants of ICT Engagement: Study of Secondary School Teachers
  - Arundhati Roy and Meera Chandran
- The agency of teachers in the 21st century – design and certification of vocational e-learning
  - Bent Andresen
- ChalkLit: Empowering teachers through an Online Capacity Building Platform
  - Deepak Joshi, Mona Mathur and Abhinav Mathur

Breakout room 1 (Green Room - Convention centre)

Full Paper
Chair: Torsten Brinda
- Using classroom practice as “an object to think with” to develop Pre-Service Teachers understandings of Computational Thinking
  - Deirdre Butler and Margaret Leathy
- Developing Computational Thinking in Children (Years 3 to 12) Through Programming using the Technacy Theory
  - Jayanti S Nayak, Therese Keane and Kurt Seemann
- Approaches to Artificial Intelligence in School Education
  - Peter Micheuz

12:45 PM: Closing session of the conference - Old Conference Hall - Main Campus

1:30 PM: End of the formal proceedings followed by Lunch (Guest House)

02:15 - 03:15 PM: Meeting with Editor for Publication (by Invitation)

3:15 PM: TC3 AGM (by invitation) (Old Conference Hall)
Afternoon TC3 meeting continued on 9th January 2020