ACCEPTED PAPERS

UKICER 2020
United Kingdom and Ireland
Computing Education Research conference

September 3 - 4, 2020, Glasgow, UK

http://www.ukicer.com

- **Evaluating a Peer Assessment Approach in Introductory Programming Courses**
  Amal Al-Khalifa *(Newcastle University)* and Marie Devlin *(Newcastle University)*

- **Compile Much? A Closer Look at the Programming Behaviour of Novices in Different Compilation and Error Message Presentation Contexts**
  Ioannis Karvelas *(University College Dublin)*, Joe Dillane *(University College Dublin)* and Brett Becker *(University College Dublin)*.

- **The impact of COVID-19 and "emergency remote teaching" on UK computer science education**
  Tom Crick *(Swansea University)*, Cathryn Knight *(Swansea University)*, Richard Watermeyer *(Swansea University)* and Janet Goodall *(Swansea University)*

- **Sense of Belonging in Female Computer Science Students and their Self-declared Minority Status**
  Catherine Mooney *(University College Dublin)* and Brett Becker *(University College Dublin)*

- **Measuring the Cognitive Load of Learning to Program: A Replication Study**
  Albina Zavgorodniaia *(Aalto University)*, Rodrigo Duran *(Aalto University)*, Arto Hellas *(Aalto University)*, Otto Seppälä *(Aalto University)* and Juha Sorva *(Aalto University)*

- **The effect of explicit instruction on students learning the second programming language**
  Ethel Tshukudu *(University of Glasgow)* and Siri Annethe Moe Jensen *(University of Oslo)*

- **Software Testing as Medium for Peer Feedback**
  Léon McGregor *(Heriot-Watt University)* and Manuel Maarek *(Heriot-Watt University)*

- **Developing Creativity in Computer Science Initial Teacher Education through Design Thinking**
  Gemma O'Callaghan *(Galway-Mayo Institute of Technology)* and Cornelia Connolly *(National University of Ireland Galway)*

- **Relating Spatial Skills and Expression Evaluation**
  Jack Parkinson *(University of Glasgow)*, Quintin Cutts *(University of Glasgow)* and Steve Draper *(University of Glasgow)*

- **Exploring the Instructional Efficiency of Representation and Engagement in Online Learning Materials**
  Ava Heinonen *(Aalto University)* and Arto Hellas *(Aalto University)*

United Kingdom Special Interest Group in
Computer Science Education