

# Sequences and Their Applications

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## Conference Topics Include

- Randomness of sequences
- Aperiodic and periodic correlation of sequences
- Combinatorial aspects of sequences, including difference sets
- Sequences with applications in coding theory and cryptography
- Sequences over finite fields/rings/function fields
- Linear and nonlinear feedback shift register sequences
- Sequences for radar, synchronization, and identification
- Sequences for wireless communication
- Linear and nonlinear complexity of sequences
- Pseudorandom sequence generators
- Correlation and transformation of Boolean functions
- Multidimensional sequences and their correlation properties

## Confirmed Invited Speakers

**Josef Dick** (University of New South Wales, Australia)  
**Tor Helleseth** (University of Bergen, Norway)  
**Kathy Horadam** (Royal Melbourne Institute of Technology, Australia)  
**Bernhard Schmidt** (Nanyang Technological University, Singapore)

## Important Dates

11 May 2014: Submission deadline  
15 June 2014: Notification of acceptance  
06 July 2014: Final submission of accepted papers

## Submission Details

- Full papers of up to 12 pages can be submitted in PDF format via [www.easychair.org/conferences/?conf=seta2014](http://www.easychair.org/conferences/?conf=seta2014)
- Submissions should contain enough detail for peer review and must not substantially duplicate work submitted to another journal or conference proceedings.
- Accepted papers will appear in Springer Lecture Notes in Computer Science (LNCS). The final versions of accepted papers must be typeset in  $\text{\LaTeX}$  using the LNCS style.



**More information:** <http://people.eng.unimelb.edu.au/udaya/seta14/>