



# The 14th International Conference on Finite Fields and their Applications

SFU Harbour Centre, Vancouver, June 3-7, 2019

[www.sfu.ca/math/Fq14/](http://www.sfu.ca/math/Fq14/)



Tourism Vancouver/ Frannz Morzo Photography

## Invited Speakers

**Antonia Bluher**, National Security Agency, USA

**Pascal Charpin**, INRIA, France

**Gretchen Matthews**, Virginia Polytechnic & State University (Virginia Tech), USA

**Kai-Uwe Schmidt**, Paderborn University, Germany

**Igor Shparlinski**, University of New South Wales, Australia

**Xiaohu Tang**, Southwest Jiaotong University, China

## Scientific Scope

**Theory:** structure of finite fields, primitive elements, normal bases, polynomials, number-theoretic aspects of finite fields, character sums, function fields, APN functions

**Computation:** algorithms and complexity, polynomial factorization, decomposition and irreducibility testing, sequences and functions

**Applications:** algebraic coding theory, cryptography, algebraic geometry over finite fields, finite incidence geometry, designs, combinatorics, quantum information science

## Scientific Committee

Jim Davis (Chair), Tao Feng, Sophie Huczynska, Gohar Kyureghyan, Gary Mullen

## Organizing Committee

Jonathan Jedwab, Petr Lisonek

