



S+SSPR 2018 is a joint biannual event organized by Technical Committee 1 (Statistical Pattern Recognition Technique) and Technical Committee 2 (Structural and Syntactical Pattern Recognition) of the International Association of Pattern Recognition (IAPR). Following the trend of previous editions, S+SSPR 2018 will be held in close proximity and shortly before the International Conference on Pattern Recognition (ICPR). This time the workshops will be hosted by Beihang University. Authors are invited to submit papers addressing any topic in statistical, structural or syntactic pattern recognition and their applications. Possible topics of interest include, but are not limited to:

SPR Topics

- Classification; Prediction
- Gaussian Processes; Randomized Algorithms
- Multiple Classifiers; Ensemble Methods
- Model Selection; Feature Selection
- Dimensionality Reduction
- Dissimilarity Representations
- Metric Learning; Representation Learning
- Multiple Instance Learning
- Clustering
- Semi-Supervised Learning; Weakly-supervised Learning
- Active Learning; Novelty Detection
- Deep Learning; Neural Networks
- Adversarial Learning; Reinforcement Learning
- Transfer Learning; Domain Adaptation
- Data Complexity; Data Modeling
- Security of Machine Learning

SSPR Topics

- Structural Matching
- Structural Complexity
- Syntactic Pattern Recognition
- Graph-theoretic Methods
- Graphical Models
- Structural Kernels
- Spectral Methods
- Spatio-Temporal Pattern Recognition
- Structured Text Analysis
- Stochastic Structural Models
- Intelligent Sensing Systems
- Multimedia Analysis
- Multimedia Retrieval
- Image Document Analysis
- Image Understanding
- Shape Analysis

Papers from this conference will be invited to submit their expanded papers to a Special Issue "Recent Advances in Statistical, Structural and Syntactic Pattern Recognition", which will be published in **Pattern Recognition Letters** in 2019.

Organization

Honorary Chair

Edwin Hancock
University of York
UK

General Chair

Xiao Bai
Beihang University
China

Programme Chairs

Antonio Robles-Kelly
Data61-CSIRO
Australia

Battista Biggio
University of Cagliari
Italy

SPR Chair

Tin Kam Ho
IBM Watson
USA

SSPR Chair

Richard Wilson
University of York
UK

Important Dates

Submission Deadline
Author Notification
Camera-ready Submission
Workshops Dates

~~15th April, 2018~~ 1st May, 2018
10th June, 2018
20th June, 2018
17th-19th August, 2018

