



International Biometric Society XXIX International Biometric Conference Call for Contributed Papers

The **International Biometric Society (IBS)** invites abstracts for contributed oral and poster presentations for the **2018 International Biometric Conference (IBC2018)** being held in **Barcelona, Spain** from **8-13 July 2018**. [Abstracts may be submitted online through 10 January 2018](#).

The mission of the IBS is ‘to promote the development and application of statistical and mathematical theory and methods in the biosciences, including agriculture, biomedical science and public health, ecology, environmental sciences, forestry and allied disciplines.’ Contributions at the conference are therefore welcome across a wide range of both methodological topics and application areas relevant to the Society’s mission.

Submissions from a broad range of topics and perspectives are encouraged. The following list provides an indication of the methodological topics and application areas that have been covered at previous conferences and will be covered at the upcoming conference:

Methodological Topics

Bayesian methods
Big data analytics
Biological networks
Categorical data analysis and discrete models
Causal inference
Computer intensive methods and software development
Diagnostic tests
Functional data analysis
Geostatistics
Goodness-of-fit
Imaging and signal data
Joint outcome models
Longitudinal data analysis/mixed effects model
Mechanistic models
Microarrays and omics data
Missing and incomplete data
Mixture models
Multiple testing and adjustments for multiplicity
Multistate models
Predictive modelling

Application Areas

Agriculture
Bioinformatics
Climate
Clinical trials/Cancer clinical trials
Ecology
Environmental research
Epidemiology
Forensics
Genetics
Health services
Infectious diseases and control
Medical research
Non-clinical, Pre-clinical statistics
Pharmacokinetics, pharmacodynamics, pharmacoepidemiology
Plant breeding
Population estimation
Radioactivity and radiation exposure
Toxicology and pharmacology
Other biometrical related application areas

Quantile/MQuantile regression
Regression modelling
Risk analysis and risk management
Small area estimation
Spatial and spatio-temporal data analysis
Statistical graphics
Survival analysis
Validity and reliability of measurements
Visualization
Other biometrical related topics

[All abstracts must be submitted online](#). No other forms of abstracts are permissible.

Each abstract submission must include the title, list of authors and author affiliations and abstract, with each submission having a maximum length of 2,500 characters. Authors are requested to select **one methodological topic** and **one application area** from the list above. **The number of oral abstract submissions with the same presenting author is limited to one.**

All submitted abstracts will be reviewed by the *IBC2018* International Program Committee, and presenting authors will be informed of the status of their abstract (oral presentation, poster presentation, rejection) by **12 March 2018**.

All accepted contributed oral presentations will be assigned to a 12-minute slot within a particular scientific session, with each session lasting 90 minutes, and therefore containing six oral presentations and time for discussion. All poster presentations will also be allocated to a particular scientific session. Presenting authors are expected to be present at their posters.

All presenting authors must have registered for the conference by **4 May 2018** for their presentation to be included in the conference programme. **Please note that the conference's *Early Bird Registration* deadline is 16 April 2018.**

Following on from the success of the awards made at the last four *IBCs*, we will again be awarding prizes for the *Best Student Oral Presentation(s)* and the *Best Poster Presentation(s)*.

[Click here](#) to submit an abstract on or before **10 January 2018**.

[Click here](#) to visit the *IBC2018* website.

-*International Biometric Office (IBO)*