

Important Dates

Submission Deadline

June 1st, 2018

Acceptance Notification

July 6th, 2018

Camera-ready Submission

July 20th, 2018

Workshop Date

September 16th, 2018, afternoon

Keynote Speaker



Georg Langs

Medical University of Vienna, Austria

Best Paper Prize

The best paper will receive a prize and corresponding certificate.

Organizing Committee

datra2018-organizers@googlegroups.com

Matthew Di Franco

University of California San Francisco

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DATRA 2018 highlights new challenges and solutions regarding **time-series analysis in medical imaging** with the aim of improving **treatment response predictions** and risk assessment, as well as healing and rehabilitation rates. The workshop offers an in-depth look at the advantages and disadvantages of **automated systems** in the clinical and laboratory routine. DATRA further aims to examine and improve the interface between the clinical and technical environments and open up future perspectives for pattern recognition methods to medical signal processing.

Original contributions are sought that address a wide range of theoretical and practical issues, including:

- *Computer-aided prediction of treatment response*
- *Temporal and spatio-temporal modelling of malignancies*
- *Approaches for medical image based or signal-based follow-up assessment*
- *Treatment assessment in cancer research, neuroimaging, musculoskeletal imaging, nuclear medicine or other medical domains.*
- *Time evolution of risk assessment*
- *Time series analysis*
- *Longitudinal biomarker extraction and analysis*

Papers should be no longer than 10 pages (including references), and must comply with the Springer LNCS guidelines. Reviews follow a double blind policy.

For all relevant information, please go to our workshop website at <https://datra2018.github.io>.

We are looking forward to your submissions!