



## Selected Papers from Quantum Complex Matter 2018

Guest Editors:

**Prof. Dr. Antonio Bianconi**

**Prof. Dr. Augusto Marcelli**

**Prof. Dr. Yasutomo Uemura**

Deadline for manuscript  
submissions:

**closed (30 September 2019)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will publish selected papers from the QCM 2018 conference lectures, joint with the QCM school, 10–16 June 2018, in Rome, Italy. You are invited to submit a full manuscript for consideration and possible publication in this joint Special Issue. Submissions will be rapidly reviewed and published immediately, free of charge, if accepted. Invited and leading contributed papers will focus on research sub-fields of:

**Correlated electronic systems:** novel magnetism; unconventional superconductivity; Mott transition; quantum criticality; multi-band Hubbard model; Lifshitz transitions

**Nano science:** graphene; TMDC; QHE; Topological; 2-D materials; Fano resonances

**Spintronics:** Skyrmions; itinerant electron; magnetism; spin current; magnetic memory

**Cold atoms:** Feshbach Resonance; Hubbard Model; BEC-BCS crossover.

Prof. Antonio Bianconi  
Prof. Dr. Augusto Marcelli  
Prof. Dr. Yasutomo Uemura  
*Guest Editors*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

Welcome to *Condensed Matter* (ISSN 2410-3896)! It gives me great pleasure to invite you to publish in the journal. We are looking to build a collection of high quality research articles, supported by a community from across the field of condensed matter physics. In this task, I will be assisted by a highly qualified editorial board. We accept papers on basic research as well as applications, and experimental or theoretical work. Currently the journal is indexed by ESCI (Web of Science) and hope you can consider *Condensed Matter* as an exceptional home for your manuscript.

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**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.1 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

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