



The Aim of the Conference:

You are cordially invited to attend the International Conference on Quantum Metrology (QM) in Poznan, Poland. The QM'2013 is organized by Poznan University of Technology (Poland) with collaboration with Friedrich-Schiller University in Jena (Germany).

The aim of the conference is the presentation of results of research and of development, both theoretical and application, in the quantum metrology. In the intention of organizers the QM conference has to be a conference, addressed to metrologists and physicists. We foresee the participation in the conference of guests invited to uttering of short lectures.

The conference language is English. Presentations of reviewed papers will take place on oral plenary sessions and on a poster session.

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Chairman of the QM2013 Conference

Waldemar Nawrocki

Poznan University of Technology (PUT), Poznan,
Poland

Conference schedule

February 14, 2013

Deadline for full papers.

March 15, 2013

Notification of papers acceptance.

March 31, 2013

Deadline for payment of the conference fee

May 15 - 17, 2013

4th International Conference on
Quantum Metrology
Poznan, Poland

Registration fee:

The registration fee is **250 €**. The deadline for the payment is **March 31, 2013**. The fee will include proceedings, beverages, lunch all 3 days and a conference dinner on May 16th.

The fee **does not include** accomodation.



Poznan University of Technology, Poland
organizes

4th International Conference on Quantum Metrology



Poznan, Poland
15th to 17th May, 2013



International Scientific Committee

Paul Seidel - Chairman

- Friedrich-Schiller University, Jena, Germany

Franz-Josef Ahlers

- Phys.-Technische Bundesanstalt, Braunschweig, Germany

Józef Barnaś

- Adam Mickiewicz University, Poznan, Poland

Sam Benz

- National Institute of Standards and Technology, Boulder, USA

Teodor Gotszalk

- Wrocław University of Technology, Wrocław, Poland

Waldemar Nawrocki

- Poznan University of Technology, Poznan, Poland

Lutfi Ozyuzer

- Izmir Institute of Technology, Izmir, Turkey

George J. Papadopoulos

- University Athens, Greece

Matteo Paris

- Journal Editor of Quantum Measurements & Quantum

Metrology; Milano University, Italy

Kev M. Salikhov

- Zavoisky Physical Technical Institute, Kazan, Russia

Yury M. Shukrinov

- Joint Institute for Nuclear Research, Dubna, Russia

Tadeusz Skubis

- Silesian University of Technology, Gliwice, Poland

Sergey Tarapov

- Institute of Radiophysics and Electronics, Kharkov, Ukraine

Hannes Toepfer

- Ilmenau University of Technology, Ilmenau, Germany

All current information of the conference

are accessible on the webpage:
www.kwant.et.put.poznan.pl

Organizing Committee

Waldemar Nawrocki - Chairman

- Poznan University of Technology (PUT), Poland

Michał Maćkowski - Scientific Secretary

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Krzysztof Arnold - PUT

Jakub Pająkowski - PUT

Maciej Wawrzyniak - PUT

Conference Topics:

- Josephson Effect and Quantum Voltage Standard
- Quantum Hall Effect and Electric Resistance Standard
- Atom Standards of Frequency
- Single Electron Tunneling
- Spintronics
- Scanning Microscopy and Its Applications in Metrology
- Nuclear Magnetic Resonance
- Applications of SQUIDs
- Nanometrology
- Measurement Systems for Quantum Metrology
- Cryoelectronics
- Fundamental physical constants for metrology
- The Quantum SI - the new system of units

Call for papers:

Participants wishing to present a paper are asked to send a full manuscript (up to 6 pages, MS Word 12 pts) in English language (deadline: February 14, 2013). Each manuscript should contain an abstract (200 to 300 words).

Papers will be reviewed by members of the International Scientific Committee and referees. Acceptance of papers for presentation on the conference will be made by March 15, 2013. The organizers will prepare a book of abstracts at the conference.

Accepted papers will be published in the Polish journal **Elektronika**, the issue May 2013 (after an agreement with authors).

Some papers selected by the Scientific Committee can be published in Polish scientific journal **Metrology and Measurement Systems** (the journal is indexed by Thomson Reuters List) and the new journal **Quantum Measurements & Quantum Metrology**.



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