

Dear participants,

This is to inform you about the progressing preparation of the Workshop on Quantum Phase Transitions in Nuclei and Many-Body Systems in Prague (June 6-9).

PROGRAM:

The program, as arranged by the convenors, looks very interesting and dense! Since we only have four days, the sessions will be held each half-day. Considering time availability of individual speakers, we have created the following plan of the sessions:

Monday (June 6)

9.00-10.00 Registration

10.00-10.15 Opening of the Workshop (V. Baumruk, vice-dean of the Math.& Phys.Faculty, Charles University)

10.15-11.15 F. Iachello: Introduction

11.45-12.45 Session: Microscopic approaches to quantum phase transitions, part I (convenors: D. Vretenar, L. Robledo)

12.45-14.15: Lunch

14.15-18.00: Afternoon Session: Microscopic approaches to quantum phase transitions, part II (convenors: D. Vretenar, L. Robledo)

Tuesday (June 7)

9.00-12.45: Morning Session: Experimental signatures of quantum phase transitions in nuclei (convenors: R. Casten, N. Pietralla)

12.45-14.15: Lunch

14.15-18.00: Afternoon Session: Quantum phase transitions in non-nuclear many-body systems, part I (convenors: L. Carr, J. Dukelsky)

Wednesday (June 8)

9.00-12.45: Morning Session: Symmetry-based approach to nuclear structure and quantum phase transitions (convenors: P. Van Isacker, A. Leviatan)

12.45-14.15: Lunch

14.15-17.00: Afternoon Session: Quantum phase transitions in non-nuclear many-body systems, part II (convenors: L. Carr, J. Dukelsky)

17.00-18.00: Special Lecture by J. Podolsky: An outline of the history of physics and astronomy in Prague - from Brahe and Kepler to Einstein (in the baroque refectory of the House for Professed)

19.00-22.00: Social Dinner

Thursday (June 9)

9.00-12.45: Morning Session: Quantum phase transitions in coupled

systems (convenors: F. Perez Bernal, J.E. Garcia Ramos)

12.45-14.15: Lunch

14.15-18.00: Afternoon Session: Excited state quantum phase transitions (convenors: T. Brandes, M. Macek)

A more detailed program of the sessions, including all talks, will be communicated later.

PARTICIPANTS:

The list of registered participants is available on the Workshop Webpage:

<http://www-ucjf.troja.mff.cuni.cz/~qptn2016/participants.php>

ON-SITE REGISTRATION, WORKSHOP SITE:

The registration of participants will be organized on Monday, June 6, in the morning. It will start at 9 a.m., an hour before the planned start of the scientific program. Nevertheless, for those who will arrive later, all materials will remain available at the time of their arrival.

The registration will take place just in front of the lecture room where all sessions will be held, that is in the Mala Strana building of the Faculty of Mathematics and Physics of the Charles University, in the lobby in the first floor.

Coordinates: 50°05'18.2"N 14°24'13.8"E

Link to map:

<https://www.google.com/maps/@50.0881008,14.4039691,192m/data=!3m1!1e3>

See also the Workshop Webpage:

<http://www-ucjf.troja.mff.cuni.cz/~qptn2016/venue.php>

Street address: Malostranske namesti 2/25, Praha 1

The Malostranske square can be reached by trams no. 12, 20, and 22.

The nearest underground station "Malostranska" of metro line A (green line) can be reached by all of these three tram lines and is within a walking distance. A more detailed info about the Prague public transport can be found here: <http://www.dpp.cz/en/>

LUNCHES, SPECIAL TALK, AND SOCIAL DINNER:

Lunches for the participants will be organized in a restaurant very close the Workshop site.

A special talk on the history of physics and astronomy in Prague will take place in the baroque refectory of the House for Professed, just next to the lecture room, on Wednesday, June 8, from 17.00 to 18.00.

The social dinner (for the participants and the accompanying persons who have applied for it in the registration form) will be organized on Wednesday evening, starting at 19.00-19.30, in a place close to Workshop site (on Malostranske square).

LAST BUT NOT LEAST:

As in the all previous QPTN Workshops, we would like to find the organizers of the NEXT WORKSHOP - QPTN-9 to be held in 2018! We are eagerly waiting for volunteers!!!

We will keep you informed concerning all news related to the Workshop.

We look forward to seeing you soon in Prague!

Pavel Cejnar

(for the local organization team)

<http://www-ucjf.troja.mff.cuni.cz/~qptn2016/index.php>

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