Dear Colleague,

The 32nd International Colloquium on Group Theoretical Methods in Physics (Group32) will be held at Czech Technical University in Prague, Czech Republic, from Monday 9th July until Friday 13th July 2018. Arrival date 8th July and departure date 14th July.

The ICGTMP series is traditionally dedicated to the application of symmetry and group theoretical methods in physics, mathematics and other sciences, and to the development of mathematical tools and theories for progress in group theory and symmetries. Over the years, it has further broadened and diversified due to the successful application of group theoretical, geometric and algebraic methods in life sciences and other areas.

In the 32-nd Colloquium we foresee the following topics: Representation theory; Symmetries in integrable systems; Symmetries in differential, difference and nonlinear equations; Infinite dimensional symmetries and supersymmetries; PT-symmetries, dynamical symmetries and superintegrability, Loop algebras, W-algebras, polynomial algebras; Q-algebras and groups, q-special functions; Superstrings, cosmology and quantum gravity; Conformal field theory; Foundations of quantum mechanics; Symmetries in particle physics; Noncommutative field theories; Symmetries in molecular, atomic and nuclear physics; Quantum optics, coherent states and quantum information; Condensed matter and statistical physics; Symmetries in biology, chemistry and etc.

The work of the Symposium will be organized in five morning plenary sessions and five afternoons with several parallel sessions.

The conference GROUP32 will be held in the historical center of Prague: The plenary talkswill be in the Bethlehem Chapel (Betlémská kaple) which is a medieval religious building in the Old Town of Prague, Czech Republic. The afternoon parallel sessions will be at the Faculty of Nuclear Sciences and Physical Engineering Czech Technical University in Prague, Brehova 7, 110 00 Prague 1, Czech Republic

We cordially invite you to attend the meeting and to contribute to the scientific programme. Please inform us at your earliest convenience whether you plan to attend, even if your answer is tentative. If you are inclined to come, please, tell us to which of the above your contribution would be. This pre-registration is very important for our planning (e.g., for the number of parallel sessions.)

 The official registration will be announced in the First Bulletin which will be mailed out in the beginning of 2018. There will be registration fee which will cover: participation in the conference, the welcome party, conference materials, coffee breaks, excursion, proceedings volume. The fee will be reduced 50% for PhD students.

 Looking forward to hearing from you!

 With my best regards,
 Cestmir Burdik

Address for correspondence:

Prof. Čestmír Burdík
Department of Mathematics
Faculty of Nuclear Sciences and Physical Engineering
Czech Technical University
Trojanova 13, CZ-120 00 Prague
Czech Republic

Phone: (+420) 224 358 549
Email: group32@fjfi.cvut.cz
WWW: www.group32.cz