

# QUANTUM CALCULUS AND APPLICATIONS

## MINI WORKSHOP QCA 2016

Department of Mathematics Izmir Institute of Technology

23 December 2016 Izmir Turkey

Seminar Room 122

**11:00-12:00:**

Mourad Ismail (Central University of Florida) The Asymptotic Integration Method (ICTP-ECAR Colloquium)

**13:30-14:00**

Gülter Budakçı (Dokuz Eylül University) Basic Properties and Applications of q-B-splines

**14:15-14:45**

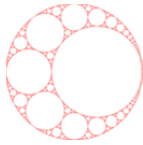
Kerim Koca (Kırıkkale University) q-Taylor Representation for q-Analytic Functions in the sense of Harman

**15:00-15:30**

Şengül Nalcı Tümer (Izmir Institute of Technology) q-Analytic Functions and q-Traveling Waves

**15:45-16:30**

Oktay Pashaev (Izmir Institute of Technology) Quantum Calculus in Hydrodynamics and Quantum Theory



### Organizing Committee

Prof. Oktay Pashaev

Assoc. Prof. Şirin Atılğan Büyükaşık

Res. Asst. Şengül Nalcı Tümer

Aygül Koçak, Merve Özvatan, Tuğçe Parlakgörür