#### 25 Years of Quantum Groups: From Definition to Classification

Organizer: Alexander Stolin (*University of Gothenburg, SE*)

Thursday, July 5, 16:15–18:15, Medium Hall B

#### TALKS:

Yuri Manin (Max-Planck Institute, Bonn, DE), Symmetries and deformations in noncommutative geometries based upon operads

Michael Semenov-Tian-Shansky (University of Bourgogne, Dijon, FR), Duality for Poisson Lie groups and for quantum groups: from quantum R-matrices to quantum virasoro

Stanisław Lech Woronowicz ( $University\ of\ Warsaw,\ PL$ ), Drinfeld double in the  $C^*$ -algebra setting

Efim Zelmanov (*University of California, San Diego, USA*), **Towards classification of quantum groups** 

# Symmetries and deformations in noncommutative geometries based upon operads

Yuri Manin Max-Planck Institute, Bonn, DE

## Duality for Poisson Lie groups and for quantum groups: from quantum $R\text{-}\mathrm{matrices}$ to quantum virasoro

Michael Semenov-Tian-Shansky University of Bourgogne, Dijon, FR

### Drinfeld double in the $C^{\ast}$ -algebra setting

Stanisław Lech Woronowicz *University of Warsaw, PL* 

### Towards classification of quantum groups

Efim Zelmanov University of California, San Diego, USA