

# TEAM

V. Mukhanov (scientist in charge), I. Sachs (staff)

Postdocs: A. Golovnev, D. Laenge, M. Minamitsuji, N. Moeller,  
G. Panotopoulos, V. Vanchurin, S. Winitzki

PhD's: S. Ansari, M. Baumgartl, V. Demozzi, J.U. Kang,  
P. Loewenfeld, A. Vikman

Long Term Visitors: R. Kallosh, A. Linde, S. Pokorski, M. Sasaki,  
S. Solodukhin, L. Susskind, V. Dzhunushaliev

# ACTIVITIES

2007 & 2008: **Summer School for Graduate Students:**

**Foundations and new Methods of Theoretical Physics**

2008: **Workshop on String Field Theory and Related Aspects**

2008: **XX Workshop: Beyond the Standard Model**

# PROJECTS

**Anisotropy and non-Gaussianity:** N. Kaloper, L. Kofman, A. Linde and V. Mukhanov (2006); G. Panotopoulos (2007); V. Vanchurin (2007); G. Panotopoulos (2007); A. Golovnev, V. Mukhanov and V. Vanchurin (2008)

**Dark energy and dark matter:** J. Kang, V. Vanchurin and S. Winitzki (2007); J. U. Kang and G. Panotopoulos (2008); J. U. Kang and G. Panotopoulos (2008)

**Cosmological singularity:** R. Kallosh, J. U. Kang, A. Linde and V. Mukhanov (2007); M. Minamitsuji (2008); P. Loewenfeld and I. Sachs (2008); V. Dzhunushaliev (2008); V. Dzhunushaliev, V. Folomeev, R. Myrzakulov and D. Singleton (2008)

**Landscape:** S. Winitzki (2007); S. Winitzki (2008); S. Winitzki (2008)

**Brane cosmology:** M. Minamitsuji (2008); M. Minamitsuji (2008)

**String theory:** S. Ansari, J. D. Lange and I. Sachs (2007); J.L. Davis, M. Gutperle, P. Kraus and I. Sachs (2007); M. Alim and J.D. Lange (2007); M. Baumgartl and I. Sachs (2008); N. Moeller (2008); I. Sachs and S.N. Solodukhin (2008); I. Sachs (2008)