

# Curriculum Vitae - Sunil Mukhi

April 2018

**Name:** Sunil Mukhi.

**Present position:** **Senior Professor, Physics Programme,**  
Indian Institute of Science Education and Research (IISER),  
Pune, India (November 2012-present).

**Previous faculty positions:**

- **Fellow** (1985-1990),
- **Reader** (1990-1995),
- **Associate Professor** (1995-2001),
- **Professor** (2001-2007),
- **Senior Professor** (2007-2012)
- **Chair, Department of Theoretical Physics** (2009-2012)  
All the above at: Tata Institute of Fundamental Research,  
Mumbai, India.
- **Chair, Physics Department** (2012-2017), IISER Pune.

**Education:**

- **B.Sc.** (1976, Physics and Mathematics), St Xavier's College,  
University of Bombay, India.
- **Ph.D.** (1981, Physics), State University of New York at Stony  
Brook, New York, USA.

**Postdoctoral positions:**

- **International Centre for Theoretical Physics**, Trieste  
(1981-84).
- **Tata Institute of Fundamental Research**, Mumbai  
(1984-85).

**Research areas:** **String Theory, Quantum Field Theory, Particle Physics.**  
Topics of interest include: M-theory, AdS/CFT correspondence,  
dualities in string theory, non-commutative field theory and string  
theory, supersymmetric field theory, non-critical and topological  
strings, conformal field theory, entanglement entropy.

**Academy fellowships:**

- **Fellow, Indian Academy of Sciences** (IAS), Bangalore.
- **Fellow, Indian National Science Academy** (INSA), New  
Delhi.
- **Fellow, The World Academy of Sciences** (TWAS), Trieste.

**Major awards and adjunct**

- **J.C. Bose Fellowship**, Government of India (2008-present).
- **Adjunct Professor**, Harish-Chandra Institute, Allahabad

- positions:** (2003-2008).
- **Shanti Swarup Bhatnagar Award**, Physical Sciences (1999).
- Journal editorships:**
- Editor, **Journal of High Energy Physics (JHEP)** (since its inception in 1997).
  - Editorial Board Member, **Current Science** (since 2015).
  - Editorial Board Member, **Pramana** (until 2006).
- Major administrative positions held:**
- **Chair, Physics Programme**, IISER Pune (2012-2018).
  - **Dean, Student Activities**, IISER Pune (2013-present).
  - **Chair, Department of Theoretical Physics**, TIFR (2010-2012).
  - **Dean, Graduate Studies**, TIFR (2003-2005).
- Other administrative positions:**
- **Chair, Panel on Scientific Values**, Indian Academy of Sciences (January 2016-present).
  - **Chair, Academic Ethics Committee**, IISER Pune (2014-present).
  - **Chair, Academic Ethics Committee**, TIFR (2006-2011).
- Membership of major committees:**
- **Selection Committee, INSPIRE Faculty Fellowship** (2012-present), Dept. of Science and Technology, Govt. of India.
  - **Selection Committee, S.S. Bhatnagar Prize in Physical Sciences** (2010, 2014).
  - **Selection Committee, SwarnaJayanti Fellowship Awards**, Department of Science and Technology, Govt of India (2014).
  - **Sectional Committee (Physics)**, Indian National Science Academy (2007-2009).
  - **Womens' Cell**, TIFR (2008-2012).
  - **Endowment Committee**, TIFR (2000-2005).
  - **Panel on Scientific Values**, Indian Academy of Science (since 2007).
  - **Programme Advisory Committee (Physics)**, Department of Science and Technology (1988-2001).
- Long-term academic visits:**
- **CERN, Geneva** (one-year sabbatical, 1990-1991).
  - **École Normale Supérieure, Paris** (three months, 1994).
  - **Institute for Advanced Study, Princeton** (one-year sabbatical, 2001-2002).
  - **Visiting Fellow Commoner, Trinity College, Cambridge** (Lent term, 2012).
  - **Isaac Newton Institute for Mathematical Sciences**, January-May 2012.