



**School on Instantons  
in Supersymmetric Field Theories/String Theory  
and Applications  
Feb. 2-8, 2015  
Tehran, Iran**

"Seven Instantons" photo courtesy of G. 't Hooft

**Topics:**

- Instantons in field theories (moduli space, classical solutions, ...)
- ADHM construction
- Localization techniques, Nekrasov's approach
- Connection with Seiberg-Witten theory, AGT correspondence
- Stringy realizations of instantons
- D-brane models and their instanton extensions
- Some specific applications

**Speakers:**

Marco Billo, University of Turin & INFN, Turin  
Francesco Fucito, University of Rome, Tor Vergata & INFN, Rome  
Parsa Hossein Ghorbani, IPM, Tehran  
Alberto Lerda, University of Turin & INFN, Turin

**Organisers:**

Hessamaddin Arfaei, IPM & SUT, Tehran  
Parsa Hossein Ghorbani, IPM, Tehran  
Alberto Lerda, University of Turin & INFN, Turin

more information:

<http://particles.ipm.ir/conferences/2015/Instantons>

Tel: +98 21 22809150

Email address: [instantons2015@ipm.ir](mailto:instantons2015@ipm.ir)