Scattering Amplitudes: from QCD to maximally supersymmetric Yang-Mills theory and back
Trento, July 16-20, 2012

Main Topics
Scattering amplitudes in Yang-Mills theories at weak and strong coupling
Dual description of scattering amplitudes
Supersymmetric Wilson loops and correlation functions
Strong coupling analyses via gauge/string correspondence

Key speakers include

Nima Arkani-Hamed (IAS), Benjamin Basso (Princeton U.), Niklas Beisert (ETH, Zurich), Zvi Bern (UCLA), Rutger Boels (U. Hamburg), Andreas Brandhuber (Queen Mary), Ruth Britto (IPHT, Saclay), Simon Caren-Holst (IAS), Vittorio del Duca (Frascati), Claude Dore (ETH, Zurich), Burkhard Eden (Humboldt U.), Henriette Elvang (MCTP, Michigan), Eman Gardi (Edinburgh U.), Alexander Goncharov (Yale U.), Johannes Henn (IAS), Paul Heslop (Durham U.), Henrik Johansson (IPHT, Saclay), Valentin Khoze (IPPP, Durham U.), David Kosower (IPHT, Saclay), Lorenzo Magna (INFN, Turin), Yuri Makeenko (ITEP, Moscow), Lionel Mason (Oxford U.), Horatiu Nastase (JFT, San Paulo), Rada Rebin (Penn State), David Skinner (PIT, Waterloo), Evgeni Sokatchev (LAPTH, Annecy), Marcus Spradlin (Brown U.), George Sterman (YITP, Stony Brook), Charles Thom (Florida U.), Gabriele Travaglini (Queen Mary), Arkadi Tseytlin (Imperial College), Pierre Vanhove (HEG), Christian Vergu (ETH, Zurich), Anastasia Volovich (Brown U.)

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