Hyperpolarised Noble Gases

**P\(\text{NG}14\) workshop on polarisation in noble gases**
September 29 to October 3 2014, les Houches France

**Core Educational lectures and topics:**
- Basics of optical pumping
- MEOP and SEOP
- Hardware and Lasers
- Clinical applications
- Drug development
- HP \(^3\)He targets
- Fundamentals of imaging
- Fundamental Physics tests
- Diffusion NMR in porous media
- \(^{129}\)Xe NMR in Surface science

**Invited Lecturers and Speakers:**
- Dr. Stephan Appelt
- Dr. Patrick Berthault
- Dr. Tim Chupp
- Dr. Bastiaan Driehuys
- Dr. Tom Gentile
- Dr. Denis Grebenkov
- Dr. Werner Heil
- Dr. Thomas Meersmann
- Dr. Juan Parra Robles
- Dr. Brian Saam
- Dr. Thad Walker
- Dr. Jason Woods

**Organizers:**
- Earl Babcock
- Pierre-Jean Nacher
- Jim Wild

Support from the COST action TD1103 is gratefully acknowledged

More information and registration can be found online at [http://png14.sciencesconf.org](http://png14.sciencesconf.org)

**Les Houches is a village located in Chamonix valley, in the French Alps.** Established in 1951, the Physics School is situated at 1150 m above sea level in natural surroundings, with breathtaking views on the Mont-Blanc mountain range.

**Les Houches Physics School is affiliated with Université Joseph Fourier Grenoble I (UJF) and is funded by the UJF, the Centre National de la Recherche Scientifique (CNRS) and the Direction des Sciences de la Matière of Commissariat à l'Energie Atomique (CEA/DSM)**

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