

EINLADUNG

zum Vortrag
von

Stephen McClain, PhD

Associate Research Professor
College of Optical Sciences, University of Arizona

Polarized Light and its 21st Century Applications

am

Dienstag, 29. Oktober 2013, um 17:30 Uhr

Ort: Lise-Meitner-Hörsaal, Fakultät für Physik, Universität Wien,
1090 Wien, Strudlhofgasse 4 / Boltzmannngasse 5, 1. Stock

Barrierefreier Zugang: Boltzmannngasse 5, Lift, 1. Stock rechts über den Gang zum Hintereingang des Hörsaals

Abstract:

Recent advances in analyzing and measuring polarized light have enabled new scientific and commercial applications. Thirty years ago, optical polarization was mostly a specialized curiosity. Today, polarized light is utilized all around us. This talk will provide an introduction to polarized light and several scientific and commercial applications in diverse fields, such as Displays (LCD's, 3D movies), Fiber optics (isolators), Remote Sensing (depolarizers), Photography (haze suppression), Biology and Medicine (retinal polarimetry), and Astronomy (exoplanet detection).

CHEMISCH-PHYSIKALISCHE GESELLSCHAFT

c/o Universität Wien, Fakultät für Physik, 1090 Wien, Strudlhofgasse 4/Boltzmannngasse 5, Austria
Tel.: +43-(0)1-4277/51108 - Fax: ++43-(0)1-4277 9511 - E-Mail: Christl.Langstadlinger@univie.ac.at
ZVR-Zahl: 513907440 - <http://www.cpg.univie.ac.at>

Konto: Bank Austria Nr. 08644408000 - BLZ 12000 - IBAN: AT22 1100 0086 4440 8000 - BIC: BKAUATWW

Vorsitzender 2012/13: Ao.Univ.Prof.Dipl.Ing.Dr. Thomas Prohaska, Analytische Chemie, Universität für Bodenkultur, Wien