

## Houdré Romuald

Born in Orléans (France) on 04/28/1960  
French & Swiss citizenship

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Main topics of interest: optical trapping, photonic crystals, optical properties of semiconductor microcavities, material properties and MBE growth of III V compounds.

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- 2011** Appointed as Professeur Titulaire.
- 2006** Appointed as Maitre d'Enseignement et de Recherche.
- 2004** Join the "Laboratory of Quantum Electronics" led by Prof. B. Deveaud-Plédran.
- 2002** Organization of the workshop on "Two dimensional photonic crystals" in Ascona, Switzerland, August 2002.
- 2001** Appointed as "Adjoint Scientifique" at the Institute for Quantum Photonics and Electronics led by Prof. M. Illegems.
- 1998** Habilitation, University Pierre et Marie Curie, Paris 6 (France).
- 1997** Invited researcher at NTT, Optoelectronics Department (Atsugi, Japan).
- 1988 - 2000** "Collaborateur scientifique" at the Institut for Micro and Optoelectronics with Prof. M. Illegems at the Swiss Federal Institut of Technology in Lausanne (Switzerland). In charge of the Molecular Beam Epitaxy (1988-1996) and the research on optical microcavities (1996-2000).
- 1987-1988** Laboratoire de Physique de la Matière Condensée at Ecole Polytechnique (Fr).
- 1986-1987** Postdoctoral fellow at the University of Illinois at Urbana-Champaign (U.S.A.) with Prof. H. Morkoç in the molecular beam epitaxy group.
- 1983-1985** Ph.D. thesis on the photoemission from quantum wells and superlattices under negative electron affinity at Laboratoire de Physique de la Matière Condensée, Ecole Polytechnique (France), G. Lampel and C. Hermann as advisors.
- 1982-1983** Engineering degree from "Ecole Supérieure d'Electricité" and "Diplôme d'Etudes Approfondies de Sciences des Matériaux" option "Electronique des Matériaux" (post graduate course on materials science) at Jussieu, Paris 6 University (France).

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216 publications and 293 conferences  
including 87 invited communications.  
h-factor : 52 (WoS) 64 (Google Scholar)

4 book sections or review articles.  
1 book co-edited.  
5 patents.

Thesis co-supervision: 3. Thesis supervision: 11 and 2 thesis in progress