Practical information
Submission deadline:  Friday January 14, 2005
Registration deadline:  Friday January 28, 2005

The conference will take place on the campus of the Swiss Federal Institute of Technology Lausanne (EPFL), from Monday February 28, 2005 9am until Wednesday March 2, 2005 lunchtime.

Lausanne is located in the French part of Switzerland, only a short train ride from Geneva International Airport. This airport connects directly with many capitals worldwide or via the European hub of major companies (London, Paris, Frankfurt). Budget airlines also serve Geneva from numerous European cities.

The generous support of the International Latsis Foundation makes the modest registration fee of SFr. 100.- for contributing participants possible. This fee must be paid by credit card (Visa or MasterCard) upon registration on the web site. The registration fee includes access to the conference, the abstract book, coffee breaks, lunches on Monday and Tuesday and the Welcome aperitif on Monday evening. A banquet will take place on Tuesday evening (separate registration).

Visit our web site for registration, abstract submission and detailed travel information:

http://latsis05.epfl.ch

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Negative refraction: revisiting electromagnetics from microwaves to optics
Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland
February 28 – March 2, 2005
Confirmed list of invited speakers

- Prof. Christophe Caloz
  Montreal University, Canada

- Prof. Georges V. Eleftheriades
  Toronto University, Canada

- Prof. Nader Engheta
  University of Pennsylvania, U.S.A.

- Prof. Tatsuo Itoh
  University of California in Los Angeles, U.S.A.

- Prof. Ole Keller
  Aalborg University, Denmark

- Prof. Jin A. Kong/Dr. Tomasz M. Grzegorczyk
  Massachusetts Institute of Technology, U.S.A.

- Prof. Edward F. Kuester
  University of Colorado, U.S.A.

- Prof. Akhlesh Lakhtakia
  Pennsylvania State University, U.S.A.

- Prof. Ricardo Marqués
  Sevilla University, Spain

- Prof. Ekmel Ozbay
  Bilkent University, Turkey

- Dr. Claudio G. Parazzoli
  Boeing Phantom Works, Seattle U.S.A.

- Prof. John B. Pendry
  Imperial College, London, U.K.

- Prof. S. Anantha Ramakrishna
  Indian Institute of Technology Kanpur, India

- Prof. David R. Smith
  Duke University, North Carolina, U.S.A.

- Prof. Costas M. Soukoulis
  AMES Laboratory, Iowa State University, U.S.A.

- Prof. Sergei A. Tretyakov
  Helsinki University of Technology, Finland

- Prof. Victor G. Veselago
  Russian Academy of Sciences, Russia

- Prof. Richard W. Ziolkowski
  University of Arizona, U.S.A.

EPFL LatSls Symposium 2005

Negative refraction: revisiting electromagnetics from microwaves to optics

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The phenomenon of negative refraction was postulated over 30 years ago by Victor G. Veselago. The demonstration in 2000 by David R. Smith that a material exhibiting such properties at microwave frequencies could be fabricated has given tremendous momentum to this field of research. The properties of negative refractive index materials are now the subject of numerous investigations at all frequencies, from microwave to optical.

Five years after the demonstration of negative refraction, this symposium will provide a unique opportunity to bring together key scientists from all around the world to exchange ideas and discuss the fascinating physics of negative refraction. Together we will assess the foundations of this new and exciting domain of research and investigate the different paths towards the fabrication and implementation of negative refractive index materials in practical devices.

We are very pleased that key actors in negative refraction have accepted our invitation to Lausanne. The symposium will be organized around their lectures which will cover different aspects of negative refraction; from microwave to optical frequencies, from metamaterial fabrication to measurement, from fundamental physics to practical devices that utilize negative refractive index materials.

Contributed presentations in the form of posters are most welcome. A large amount of time will be devoted to the poster sessions which will be embedded in the conference programme and should provide an extremely fruitful framework for scientific exchanges.

The generous support of the International LatSls Foundation is gratefully acknowledged. It makes a modest registration fee for contributing participants possible.

We are looking forward to welcoming you to Lausanne!