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LIA-Meeting, CIO. June 22-23, 2017

Program

“Chemical materials for their use on OPVs and NLO”

Conferences will take place at “Daniel Malacara” auditorium

Thursday, June 22

9:00-9:15 h

Welcome and Opening

Conferences:

9:15-10:00 h

Session chair: *Carmen Ortega, ICN-UNAM*

Pascal Lacroix, LCC-CNRS, Toulouse

“Nitric oxide (NO) release from new ruthenium-nitrosyl complexes. Properties and perspectives”

10:00-10:30 h

Mario Rodríguez, CIO

“Organic materials for photovoltaic applications”

10:30-10:45 h

Coffee break

10:45-11:30 h

Session chair: *José Guadalupe López, IQ-UNAM*

Valérie Maraval, LCC-CNRS, Toulouse

“Two-photon absorption properties of carbo-benzenes: first results and prospects”



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11:30-12:00 h

Gabriel Ramos, CIO

“Perspectives in nonlinear organic materials: opportunities for LIA members”

12:00-12:20 h

Alejandro Enríquez-Cabrera^{a,b}, Pascal G. Lacroix^b, Isabelle Sasaki^b, Isabelle Malfant^b, Norberto Farfán^a

^a FQ-UNAM, ^b LCC-CNRS, Toulouse

“A comparative study of fluorene and carbazole Ruthenium Nitrosyl (NO) complexes, with NO release capabilities under light irradiation”

12:20-12:50

Session chair: Rosa Santillan, CINVESTAV (Mexico City)

José Luis Maldonado, CIO

“Trends on organic solar cells (OPVs)”

12:50-13:35 h

Remi Chauvin, LCC-CNRS, Toulouse

“Latest advances in carbo-mer chemistry: submission of development prospects in optics”

13:35-15:30 h

Lunch (upper level of the CIO cafeteria)

15:30-16:15 h

Session chair: Héctor García, FQ-UNAM

Jorge Peón, IQ-UNAM

“Bichromophoric Systems: Design Principles and Dynamics with Femtosecond Resolution”



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16:15-16:45 h

R. Castro-Beltrán¹, Vinh-Diep², S. Soltani², E. Gungor², X. Shen² and Andrea M. Armani²

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“NLO effects in hybrid silica microresonators”

16:45-17:00 h

Coffee break

17:00-18:15 h

Posters session (*Salón de usos múltiples*)

Friday, June 23

9:30-10:15 h

Session chair: *Cristina Jiménez, FQ-UNAM*

Carlos Amador, FQ-UNAM

“Theoretical studies of the aggregation geometry of the donor-acceptor interfaces in OPVs”

10:15-11:05 h

Eric Benoist, Paul Sabatier University, Toulouse

“Rhenium complexes: from coordination chemistry to biological applications”

11:05-11:30 h

Coffee break



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11:30-12:30 h

Visit and demonstrations in the LOU Lab

12:30-13:30 h

Visit and demonstrations in the Spectroscopy and Materials Labs

13:45-15:15 h

Lunch (*upper level of the CIO cafeteria*)

15:15 h

Free afternoon

LIA-Meeting, CIO
León, Gto. Date: June 22-23 / 2017

**Chemical materials
for their use on OPVs and NLO**

LIA: International Associated Laboratory, France-Mexico
OPVs: Organic Photovoltaic Cells / ONL: Organic Nonlinear Optics

FRENCH SPEAKERS

- Valérie Meraval, LCC-CNRS, Toulouse
- Pascal Lacroix, LCC-CNRS, Toulouse
- Remi Chauvin, LCC-CNRS, Toulouse
- Eric Benoit, Paul Sabatier University

MEXICAN SPEAKERS

- Carlos Amador, FQ-UNAM
- Mario Rodríguez, CIO
- Gabriel Ramos, CIO
- José Luis Naldonado, CIO
- Jorge Peón, IQ-UNAM

ORGANIZERS

- Rosa Santillan, CINVESTAV
- Norberto Farfán, FQ-UNAM
- Gabriel Ramos, CIO
- José Luis Naldonado, CIO

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REGISTRATION FOR ORAL OR POSTER PARTICIPATION
Deadline : May 27, 2017
http://cio.mx/chemical_materials_for_their_use_on_OPV_and_NLO.php