

UEE Bordeaux08/Training session

Optical Metrology in Laser and High Field Science



September 15-18, 2008
University Bordeaux

Monday September 15: **The Laser field**

Representation of the Laser field
Laser pertinent parameters
Linear and nonlinear propagation
Numerical Applications: Propagation Simulation; time-space representation
Optronic detectors: Elementary bricks

Tuesday, September 16: **Time frequency Metrology**

The choice of the optimum metrology method for a given problem: A theoretical approach

Time frequency Metrology: Amplitude and Phase
Measuring techniques
Experiments and Simulation: FROG/SPIDER

Wednesday, September 17: **Spatial Metrology**

Spatial Metrology: Amplitude and Phase
Laser spatial control and shaping
Experiments / Simulation: HASO/PHASIX/MIROMA

Thursday, September 18: **Experiments**

Physics at the limits: Attosecond Science and metrology
Time domain Metrology on Laser Platform/CELIA
Spatial domain Metrology on Laser Platform/CPMOH
Discussion and conclusion

Intervenants : Pr Jean Claude Diels UNM USA ; Pr. Bedrich Rus PALS CZ ; Dr Adam WYATT, Oxford GB ; Dr Chris HOOKER, RAL, GB ; ... Dr Jean Paul Chambaret ELI, France, Dr Lionel CANIONI CPMOH, Fr, Dr Eric CORMIER, CELIA, Fr, Dr Christophe Delagnes CPMOH, Fr ...



TRAINING
Optical Metrology of lasers
Bordeaux September 2008



REGISTRATION FORM

To be completed and sent to ADERA Service – BP 196 – 33608 Pessac Cedex
Fax: +33 556 151 160 Email : boeri@adera.fr

M. Mrs

FIRST NAME **LAST NAME**

Organisation

Address

.....

Postal Code **City** **Country**

Telephone **Fax** **E.mail**

Invoice address (If different from above)

.....

REGISTRATION FEE

<i>VAT included*</i> All organisation VAT are subject to French VAT at 19,6%	500,00 €

The registration fee includes :

- Refreshments at morning and afternoon breaks
- Lunches

TOTAL
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PAYMENT

Purchase orders and cheques are accepted for French delegates only.

Please forward your orders together with the registration form to the registration secretariat by fax at +33 556 151 160 or mail to boeri@adera.fr

Payment should be made in EURO, net of any bank charges :

by bank transfer in Euro net of any bank charge, mentioning UEEBX08 + name of the participant to

BNP PARIBAS - Pessac
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Please forward a copy of the bank transfer to the registration secretariat

by credit card : MASTER VISA EUROCARD
Card holder's name: Expiration date :
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Date:

Signature:

REGISTRATION TERMS AND CONDITIONS

1 For more information and particular task, thank you to contact the workshop registration office : boeri@adera.fr

2.Registration is considered effective upon confirmation of payment by the conference secretariat and if not cancelled by the 1st of september, 2008.

3.Payment should be made in EURO, net of any bank charges :

- through the on line secure conference's website
- by cheque made payable to ADERA Service (in Euro), for french organisation only,
- by bank transfer in Euro net of any bank charge to

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