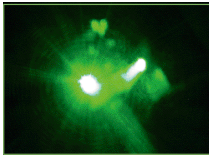


Abstract Submission

(Due date 04 Nov. 2005)

Submissions imply the intent of at least one author to register, attend the conference, and present the paper (either orally or in poster format). Authors are to send their files to speckle06@ema.fr (email subject : *abstract_speckle06*) in electronic format (*pdf*, settings "no security options").



Pre-formatted abstract submission can be downloaded in rtf format on speckle06 website. Pre-formatted abstract includes all of the following :

- **ABSTRACT TITLE**
- **AUTHOR LISTING** (principal author first)
For all authors : First (given) name (*initials not acceptable*), Last (family) name, Affiliation, Mailing address, Telephone, Fax, and Email address.
- **PRESENTATION**
Indicate your preference for "Oral Presentation" or "Poster Presentation." Final placement is subject to chairs' discretion.
- **ABSTRACT TEXT**
Approximately 250 words.
- **BRIEF BIOGRAPHY**
(principal/presenting author) Approximately 50 words.
- **PAPER REVIEW**
To ensure a high-quality conference, all abstracts will be reviewed by the Speckle06 Scientific Committee for merit and content.
- **ACCEPTED PAPERS**
On-site-proceedings due date 1st May 2006.
SPIE will publish the proceedings.

Conference Location

The conference is located in Nîmes, Gard, France

Hotel Atria NOVOTEL,
5, Boulevard de Prague
30000 NIMES FRANCE
Tel : (+33)4/66765656
Fax : (+33)4/66765659
E-mail : H0985@accor.com

The conference dinner will be held on Thursday, September 14th 2006 in Nîmes.

Touristic visits can also be arranged for accompanying persons.

Roman and Hispanic, with contributions from the Camargue and the Cevennes, the Languedoc and Provence, Nîmes is a city of many accents !

It has been fashioned for over 2000 years by southern sunshine, wind and various influences. " *Set at the crossroads of history and human relations* " (Christian Liger), it has lived the history of Europe intensely. And although it has many influences and paradoxes, its personality is unique.

Welcome...

The heart of Nîmes will open its secrets to you !



Nîmes Arena

Built at the end of the first century after JC, the amphitheatre of the city of Nîmes was among the biggest in Roman Gaul. It measures about 133 m in length and 101 m in width. The facade, 21 m high, consists of 2 levels of 60 arches each.



The "École des Mines d'Alès"
(Alès School of Engineering, ALÈS, France)
is pleased to announce

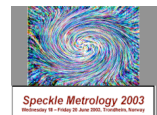
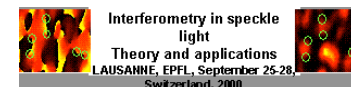


13th - 15th September 2006

Nîmes - France

speckle06 @ ema.fr

<http://www.ema.fr/CMGD/speckle06/>

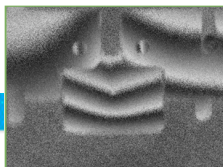


SPIE Europe
* SPIE Europe is cooperating organization *



EOS European Optical Society

Public

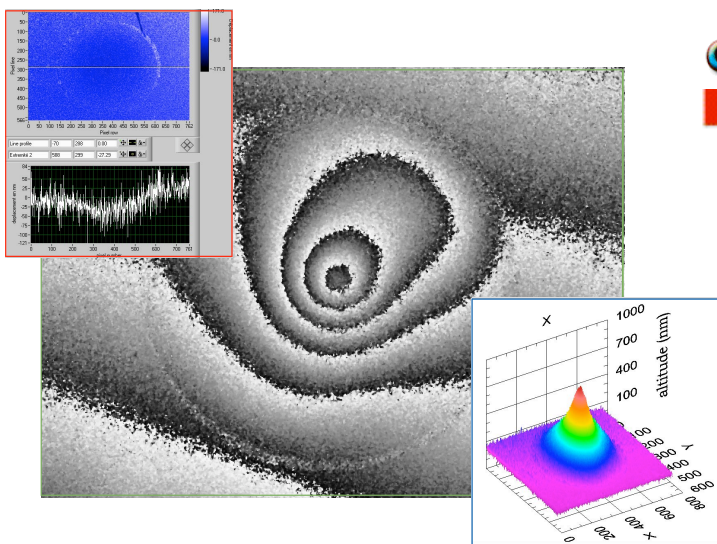


The speckle and phase measurements are now under study in several labs and countries... **Speckle06** will enable all **researchers** (from **Emeritus Professors** to **Ph.D. Students**) to present their work. Participants range from **experts** in techniques development to **end-users** interested by the **application fields** (e.g. medical, forensic, fluid dynamics, optics or mechanics ...)

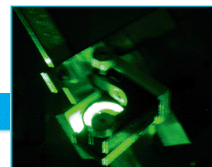
Speckle techniques are also widely applied in **industry**, and special attention will be paid to industrial apparatus and **off-the-shelf** component characterization.

Speckle techniques follow **evolution** in **computers** and **cameras**, and of course the availability of **Application Specific Integrated Circuits**, **lasers** and coherent **diodes** will be taken into account.

To enhance result quality and reliability, speckle measurements must also go through **certification** evaluation. **Measurement uncertainties** must be determined as quantitative measurements are desired.

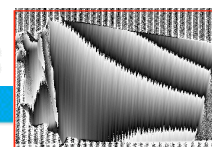


Program Topics



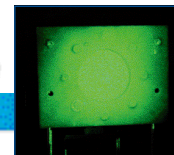
- **Speckles, theory and fundamentals**
- **Speckle Photography and Digital Image Correlation**
- **Traditional and Digital Holography**
- **Holographic Interferometry**
- **Speckle Interferometry and Shearography**
- **Phase Computing and Fringe Patterns Processing**
- **Low Coherence and White Light Speckle interferometry**
- **Industrial and Laboratory Applications (medical, forensic, fluid dynamics, optics, mechanics...)**
- **Measurement Qualification**
- **New Techniques and devices...**

Conference Format



- The official language is **English**.
- The conference is **single session**.
- Papers will be selected by the International Scientific Committee for **oral presentation** or **poster sessions**.
- Each oral presentation will last about **20 minutes including 5 minutes for discussion**.
- A **short oral presentation of posters** will be possible before the first poster session.
- An **industrial exhibition** will promote applications and exchanges between users and manufacturers.

Scientific Committee



SLANGEN Pierre
École des Mines d'Alès - F
([Speckle06 organisation board](#))

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MetroLaser Incorporated - USA

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