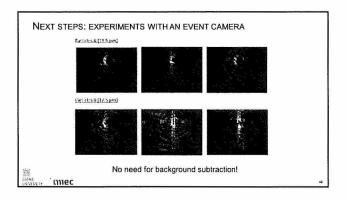
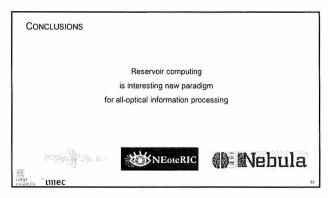


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All folders are up to date. Connected to: Microsoft Exchange The bePOM21 programme includes 5 technical sessions, an industrial session, online poster sessions, paper discussions and networking sessions on Gather Town. Ed Ed Ed 6 5 5 5 5 F BEPOM 2021 RC ppp

To Oilse Van Royen (UGent-imed

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Welcome to the Belgian Photonics Online Meetup

The goal of bePOM is to strengthen the Belgian photonics network, associating research groups from all the universities in Belgium working on fundamental and applied topics in photonics. It will give the opportunity to early career and established researchers to (re-)discover and learn about the ongoing research topics in the Belgian cities next-door, without moving from their home universities.

bePOM is an entirely free virtual conference and is affiliated with the POM conference

Second bePOM edition - 23 & 24 September 2021

Our event is over! Thank you very much to all the participants!

After the success of bePCM(2020), several new members of the Belgian photonics community joinded the scientific and organizing committee and pulled together this second edition.

The novelbes are:

- 2 days of conference
- contributed talks by topic selected upon the abstracts.
- the use of Bather Town for the networking and poster sessions
- 2 caster crities, sponsored by VIDP, Blosensors & NanoFeb
- & paper discussions
- · an inclustry representation session

Scientific and organizing Committee

- · inely member) Dr Tatevik Chalven | Vrile Universiteit Brusse.
- . Or Michael Lobet. University of Namur Harvard University
- . Dr Sébastien Mouemet | University of Namur University of Evener
- Dr.G. Heal Rosolen J. University of Wons
- · (new member) Dr ir Lien Smeesters i Vrije Universiteit Brussel
- (new member) Ms Migie Stebryte | Universiteit Gent
- · (new member) Dr Denis Tinon | UCLouvain University of Cambridge
- Inex member) Dr Koen Vanmoi (Vrije Universited Brussel
- · Dr. sabelie Denjoke | University of Namur
- · Mrs Karin Derochette : University of Namur

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Sensing, imaging and spectroscopy session

14:30 | Tutorial: Prof. Michel Voué (UMons)

What can we learn from imaging ellipsometry analysis of plasmonic nanocomposite materials?

15:10 | Invited: Prof. Francesca Cecchet (UNamur)

Vibrational nonlinear optical spectroscopy as innovative, label-free and highly sensitive bio-recognition solution

15:40 | Contributed talks

Margot Vandermotten(VUB) - In-vitro DILI monitoring using Raman spectroscopy

Aina Fitò Parera (UAntwerpen) - Spectroscopic techniques to characterise encapsulated dye molecules inside single wall carbon nanotubes

16:10 | Paper discussion - Indy Magnus (VUB)

L. Smeesters, I. Magnus, et al, "Potato quality assessment by monitoring the scrylamide precursors using reflection

spectroscopy and machine learning", Journal of Food Engineering 311, 170599, 2021.

16:40 | Beer break & networking

Day #2: Friday 24 September 2021

Optical fibers and integrated optics session

08.45 | Tutorial: Prof. Peter Bienstman (UGent - IMEC)

Photonic neuromorphic computing using silicon chips

09:25 | Invited: Dr. Agnieszka Gierej (VUB)

Fabrication of microstructured polymer optical fibers

09:55 | Contributed talks

Enes Lievens (UGent) - Characterization of electro-optically active thin films for photonic circuits

Médéric Loyez (UMons) - Cancer cells detection using optical fiber sensors

10:25 | Paper discussion - Awanish Pandey (UGent - IMEC)

A. Pandey et al., "Nonreciprocal Light Propagation in a Cascaded All-Silicon Microring Modulator", ACS Photonics 8(7),

1997-2006 2021

10:55 | e-coffee break "Coffee & Chocolate"

Optical design session

11:20 | Tutorial: Prof. Fabian Duerr (VUS)

"First time right" freeform optics design

12:00 | Invited: Dr. Lionel Clermont (ULiège)