



DOPS

Dansk Optisk Selskab

Dansk Optisk Selskabs årsmøde 2008

Hotel Nyborg Strand, 17. og 18. juni 2008

Onsdag den 18. juni 2008

DOPS Generalforsamling 10:45 – 12:15

1. Valg af dirigent
2. Valg af stemmetællere
3. Formandens beretning
4. Valg af formand for 2009
5. Valg af bestyrelsesmedlemmer
6. Valg af suppleanter til bestyrelsen
7. Diskussion af mødeinitiativer i 2009
8. Godkendelse af regnskab for 2007
9. Fremlæggelse af budget for 2008 og 2009
10. Valg af to revisorer
11. Orientering om DOPS NYT
12. Orientering om DOPS' Web
13. Indkomne forslag
14. Eventuelt

Ifølge DOPS' vedtægter er formanden på valg hvert år, men kan genvælges. Den nuværende formand (Steen G. Hanson) genopstiller. Bestyrelsesmedlemmer er på valg hvert andet år, og suppleanter til bestyrelsen er på valg hvert år.

I år er Kent Mattsson og Kasper Paasch på valg som bestyrelsesmedlemmer. Alle Genopstiller Peter Lichtenberg, Finn Mengel og Mike van der Poel er på valg som suppleanter. Alle tre genopstiller.

Andre forslag til opstilling af ny formand eller medlemmer/suppleanter bedes meddelt Steen G. Hanson, (tlf. nr.: 4677 4504, fax nr.: 4677 4565, e-mail (steen.hanson@risoe.dk) inden den 12. juni 2008.

Som revisorer opstilles Torben Jacobsen, Ibsen Photonics, og Mads Sckerl, Grundfos.

12:15-12:45 Uddeling af DOPS' Juniorpris samt modtagerens præsentation.

Program DOPS' Annual Meeting 2008

Tuesday, June 17. 2008

Plenary Session 11:00 – 12:45

Welcome by The Danish Physical Society 11:00–11:15

Chairman: Poul Erik Lindeløf, NBI, Copenhagen, DK.

- **Electronic transport in atomically thin carbon films (graphene)**
(Invited) Andrei Geim, University of Manchester, UK 11:15-12:00

Chairman: Anders Kristensen, Nanotech DTU, DK.

- **Optofluidics (Invited)**
Demetri Psaltis, EPFL, Lausanne, Switzerland, 12:00-12:45

Lunch and Exhibition 12:45–14:15

Optics Session I *Nano Optics I* 14:15–15:45

Chair:

Jørn Hvam, DTU Fotonik

- **Localized Field Enhancements in Fractal Shaped Periodic Metal Nanostructures** :Jonas Beerman et al., Institute of Signals, Sensors and Electrotechnics, University of Southern Denmark 14:15-14:45
- **Refracting surface plasmons with nanoparticle arrays:** Ilya Radko et al., Department of Physics and Nanotechnology, Aalborg University, Skjernvej 4A, DK-9220 Aalborg Øst, Denmark 14:45-15:15
- **Wavelength Selective Nanophotonic Components Utilizing Channel Plasmon Polaritons:** Valentyn S. Volkov et al., Institute of Sensors, Signals and Electrotechnics (SENSE), University of Southern Denmark, Niels Bohrs Allé 1, DK-5230 Odense M, Denmark 15:15-15:45

Coffee, Posters and Exhibition

15:45–16:45

Optics Session II *Nano Optics II* 16:45 – 18.15

Chair:

Martin Kristensen, Aarhus University.

- **Overrækkelse af DOPS Prisen og modtagerens foredrag** 16:45-17:15
- **Fractional decay of quantum dots in photonic crystals:** Philip Kristensen et al., DTU Fotonik, Department of photonics engineering, Lyngby, DK 17:15-17:45
- **Generation of non-classical Surface-Plasmon-Polaritons:** Alexander Huck et al., Department of Physics, Technical University of Denmark, Lyngby. 17.45-18:15

Diner

18:15-20:15

Plenary Session

20:15-21:15

Aftenforedrag

Chairman: Jørgen Schou, DTU Fotonik, DK.

- **The biggest man-made experiment ever: LHC at CERN (Invited):**
John Renner Hansen, Niels Bohr Institutet **20:15-21:15**

Beer, Posters and Exhibition

21:15-??

Wednesday June 18, 2008

Plenary Session

9:00 – 9:45

- **Schrödinger's kittens and non-gaussian states of the light: new tools for quantum communications (Invited):** *Philippe Grangier, Palaiseau, Frankrig* **9:00-9:45**

Optics Session III **General Optics I**

9:45 – 10.30

Chair:

Henrik Pedersen, DTU Fotonik

- **Observing of spatial quantum correlations induced by multiple scattering of light:** *Stephan Smolka et al., DTU Fotonik, Department of Photonics Engineering, Technical University of Denmark.* **9:45-10:05**
- **Three-dimensional imaging and three-dimensional coordinate gathering in three-dimensional optical micromanipulation system:** *Jeppe Seidelin Dam et al., Danish Technical University Fotonik, Department of Photonics Engineering, Roskilde, Denmark* **10:05–10:30**

Posters og kaffe

10:30–10:45

General Assembly for The Danish Optical Society

10.45-12:15

- **The Junior Award for The Danish Optical Society, and the award-winners lecture** **12:15-12:45**

Lunch

12:45-13:30

Optics Session IV **General Optics II**

13:30-15:00

Chair:

Preben Buchhave, Department of Physics, Technical University of Denmark, Lyngby

- **Principles and applications of a speckle-based wavefront sensor:** *Percival F. Almoro et al., Danish Technical University Fotonik, Department of Photonics Engineering, Roskilde 4000, DK* **13:30-14:00**
- **Correlation measurement of squeezed light:** *L. A. Krivitsky et al., Department of Physics, Technical University of Denmark, Lyngby, Denmark and Max Plank Research Group, University of Erlangen Nurnberg, 91058 Erlangen, Germany* **14:00-14:30**

- **UV assisted rotational moulding of microstructures for high-volume production of diffractive optical elements on foil:** *Lars R. Lindvold and Jan Stensborg Stensborg A/S Frederiksborgvej 399, Niels Bohr, 4000 Roskilde, Denmark.* **14:30-15:00**

Plenary Session **15:00-16:15**

Poster Awards **15:00-15:15**

Chairman: Jørgen Schou, DTU Fotonik, DK.

Wizardry with light ... Now you see it. Now you don't. Then you see it over there... (Invited): *Lene Vestergaard Hau, Harvard University, Cambridge, Massachusetts, USA* **15:15-16:15**

Termination **16:15**