

# Ophthalmic Imaging: from Theory to Current Practice

Organization: Michel Puech

Friday 12<sup>th</sup>  
October 2018

# Program

New Cap Event Center (Cap 15)  
Paris 15<sup>e</sup> • M° Bir Hakeim

Organizing Committee

Michel PUECH (France)

Bruno LUMBROSO (Italy)

Yuri ASTAKHOV (Russia)

Rudolf GUTHOFF (Germany)

Norma ALLEMANN (Brazil)

Maté STREHO (France)

# Program

## Ophthalmic Imaging: from Theory to Current Practice

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Friday 12<sup>th</sup> October 2018  
New Cap Event Center • Paris 15<sup>e</sup> • M<sup>o</sup> Bir Hakeim



### Friday 12<sup>th</sup> October 2018: a unique event

- **Increase** our team level
- Wetlabs: to **Compare** devices
- International Panel for **future developments**
- **Compagnonnage** ambiance

### Program:

- **Theoretical Sessions:** current practice and evolution
- **Wetlabs:** (OCT, OCT-A, Ultrasound Imaging, UBM, Biometry...)
- **Plenary Session** "OCT-Angiography from Cornea to macula" Pr David Sarraf, Pr Christophe Baudouin
- **Sponsored Symposia:** focused Items (Novartis, Bayer, Quantel Medical)
- **Technology Sessions:** new developments
- **Free Papers and Posters:** (special registration fees).

We can learn by sharing our experiences!

**Michel PUECH**

## AWARDS Best Poster or Free Paper

1 Doctor Prize  
1 Technician Prize



# NEW

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## EXCELLENCE IN IMAGING

- 5 ring 20MHz annular technology
- New UBM imaging
- B Probes with integrated motion sensor
- Image calibration in DICOM format



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### HEADQUARTERS:

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info@quantel-medical.fr

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www.quantel-medical.com

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**THEORETICAL SESSIONS** (simultaneous translation English <=> French )

**Room A**

**Room B**

**Room C**

**Room D**

8.30

**A1 FIBERS AND OPTIC NERVE**  
Chairpersons: JP. Renard, N. Kuryshva

- RNFL: TSNIT or Volume acquisition and follow-up: JP. Renard
- Ganglion Cells: GCC, GCL... acquisition and follow-up: E. Blumen-Ohana
- Structure – Function parameters: N. Kuryshva
- OCT-Angiography and RNFL: M. Puech

**B1 CORNEAL TOPOGRAPHY AND ABERROMETRY**  
Chairpersons: A. Alsaadi, L. Laroche

- Optical Aberrometry Basics: A. Alsaadi,
- Aberrometry and refractive surgery: R. Amar
- Corneal topography and keratoconus detection: D. Gatinel
- Epithelial thickness map and Keratoconus detection: D. Reinstein
- Corneal topography and refractive surgery: M. Assouline
- Corneal topography of congenital and post graft high astigmatism: L. Laroche

**C1 BIOMETRY – IOL CALCULATION**  
Chairpersons: P. Levy, M. Strehö

- Biometry measurements: Optical and Ultrasound B-mode Biometry: M. Strehö
- Formulas and A constant: S. Kallel
- IOL calculation after refractive surgery: P. Levy
- Calculation for toric IOL (Calisto, Verion): M. Sellam

9.25

9.30

**A2 AMD IMAGING**  
Chairpersons: SY. Cohen, S. Bonnel

- AMD first grades : role of imaging: I. Akinin
- SD-OCT and OCT-A for choroidal newvessels diagnosis: A. Ambresin
- Type 3 and Type 4 newvessels definitions: T. Desmettre
- PED Imaging: S. Mrejen
- PEVAC: a new retinal disease: SY. Cohen
- AMD and Cataract Surgery: S. Bonnel

**B2 CORNEAL AND ANTERIOR SEGMENT IMAGING**  
Chairpersons: R. Guthoff, M. Muraine

- New automated gonioscopy: JP. Renard
- Specular microscopy: V. Borderie
- Corneal confocal microscopy: R. Guthoff
- Imaging of new corneal graft techniques: M. Muraine
- OCT and refractive surgery: G. Baikoff
- Dry eye imaging: C. Ganem
- Digital tools for anterior segment surgery: A. Denoyer

**C2 VISUAL FIELDS**  
Chairpersons: JP. Nordmann, JM. Giraud

- Visual Field and neuro ophthalmology: V. Toanen
- Early glaucoma detection (FDT Matrix, Yellow blue...): JM. Giraud
- Visual Field criteria for glaucoma detection: JP. Nordmann
- Visual Field follow-up for glaucoma: JR. Fenolland

10.25

**Symposium BAYER**  : «Current practice efficacy for medical retina, new imaging techniques»: M. Strehö, V. Caillaux, B. Haouchine

**Coffee Break** (Exhibition area) / **Booth visit**

**WORKSHOPS: OCT, OCT-Angiography, Ultrasound, UBM, Biometry...**

**Aperitif** (Exhibition area) / **Booth visit**

**Lunch Symposium NOVARTIS**  **NOVARTIS**: D. Sarraf (USA), M. Strehö, G. Mimoun

**AWARD CEREMONY / PLENARY SESSION: «OCT-A from cornea to macula»: Pr David Sarraf (USA), Pr Christophe Baudouin**

**Symposium QUANTEL MEDICAL**  : A. Mermoud, P. Good, M. Puech

**Coffee Break** (Exhibition area) / **Booth visit**

15.30

**A3 OCT ANFD OTHERS MACULAR DISEASES**  
Chairpersons: B. Bodaghi, M. Strehö

- CSCR and neovascularisation : Role of OCT and OCT-A: V. Caillaux
- OCT and Myopic newvessels: V. Gualino
- Macular ischemia and AVZ: Role of OCT-A: M. Strehö
- OCT and uveitis: B. Bogaghi
- OCT and Macular surgery: O. Offret
- Use of autofluorescence imaging: ML. Lelez

**B3 ULTRASOUND IMAGING**  
Chairpersons: I. Cardoso, P. Good

- Diagnostic A and standardized ultrasound: P. Good
- Posterior pole ultrasound imaging: V. Caillaux
- OCT versus Ultrasound imaging: L. Pierro
- Use of UBM: I. Cardoso
- EchoDoppler imaging: T. Kiseleva

**C3 ELECTROPHYSIOLOGY**  
Chairpersons: A. Mermoud, P. Good

- EOG, ERG basics and follow-up: X. Zanlonghi
- PEV, basics and follow-up: O. Zambrowski
- Diopsys : New electrophysiology technique and glaucoma: A. Mermoud
- Structure and function in inherited retinal disease: P. Good
- Mesopic vision analysis with VF and Multifocal ERG: T. Bizeau

**D3 FREE PAPERS GLAUCOMA**  
Chairpersons: JR. Fenolland, W. Nolan

- OCT-Angiography and Glaucoma: F. Aptel
- Peripapillary vessel density: a new automated software: A. Miguel
- Compass Visual Field 24° microperimetry: JR. Fenolland
- Metrovision: Mon CVOne Computerized perimeter: J. Charlier
- Glaucoma follow-up with SS OCT (Topcon) F. Dezandre
- Extra corneal diaton tonometry: M. Rozhdestvenskaya
- Anterior segment OCT in glaucoma diagnosis: D. Yarovoy
- Angle Imaging: OCT and UBM technology: W. Nolan
- Use of automated gonioscopy: JP Renard

16.25

16.30

**A4 IMAGING FOLLOW-UP AND IVI**  
Chairpersons: B. Lumbroso, I. Mantel

- Fluorescein Angiography and OCT-A before treatment and during Follow-up: F. Coscas
- Imaging criteria for switching treatment: I. Mantel
- OCT-A and Residual newvessel: when can we stop the treatment?: B. Lumbroso
- Imaging role for treat and extend protocol: C. Français
- Imaging of macular atrophy: Dry AMD and atrophy Post IVI: M. Strehö

**B4 OCULAR TUMORS IMAGING**  
Chairpersons: L. Zographos, L. Desjardins

- Multimodal imaging of irido-ciliary tumors: L. Zographos
- Imaging follow-up for anterior segment tumors: L. Desjardins
- Imaging of posterior segment Tumors: S. Tick
- OCT-A Imaging for radiation retinopathy: A. Matet
- Ultrasound and ocular tumors: M. Strehö

**C4 RADIOLOGY**  
Chairpersons: Y. Lachkar, V. Toanen

- Criterias for radiology investigation in glaucoma: Y. Lachkar
- Radiology and neuro-ophthalmology: V. Toanen
- High Resolution MRI: O. Stacks
- Radiologic imaging for patient with abnormal tearing: D. Hoa
- Radiology and orbital diseases: D. Davydov
- Ocular foreign body imaging: O. Bergès

**D4 FREE PAPERS RETINA 1**  
Chairpersons: F. Behar Cohen, A. Ambresin

- Transcleral Optical phase Imaging (TOPI): F. Behar Cohen
- Wide field imaging and periferal visual field: N. Rousseau
- Ultra Wide Field retinal Imaging (Optos): T.Grenet
- Retinography diagnosis of one case of Golmann Favre G: C. Werner
- OCT-A in retinal ischemic diseases: A. Ambresin
- Angiovue: artefact substraction software: N. Bruel

17.25

17.30

**A5 PITFALLS IN OCT AND OCT-A**  
Chairpersons: A. Labbe, B. Haouchine

- OCT and RNFL: A. Labbe
- OCT and GCC: F. Aptel
- OCT and AMD: B. Haouchine
- OCT-A and AMD: A. Erginay

**B5 LASER TREATMENTS FOR RETINA AND GLAUCOMA**  
Chairpersons: W. Nolan, Y. Lachkar

- Peripheral iridotomy and iridoplasty: W. Nolan
- SLT indication and methods: Y. Lachkar
- Laser Vitreolysis (Ellex)
- Navilas 577s and retinal treatment: F. Amoroso
- Multispot laser retinal treatment: V. Krivosic

**C5 FREE PAPERS ANTERIOR SEGMENT**  
Chairpersons: S. Astakhov, I. Cardoso

- UBM and anterior segment tumors: I. Cardoso
- Corneal topography with CSO anterior segment OCT: B. Braunsteffer
- Corneal density using SS-OCT and Scheimpflug technology: J. Peraza Nieves
- Corneal confocal microscopy: E. Brasnu
- Lipview: Dry eye imaging: A. Musellier
- Lens imaging using Casia2 SS-OCT: K. Hawa
- Anatomical parameters analysis with optical biometry: C. Chamard

**D5 FREE PAPERS RETINA 2**  
Chairpersons: A. Giocanti, I. Akinin

- AMD and Vitamin D Deficiency: I. Akinin
- Indocyanine green angiography in choriocapillaritis differential diagnosis: P. Nechiporenko
- Choroidal thickness analysis: J. Uzzan
- Zeiss AngioPlex Elite Technology: C. Moissonnier
- OCT-A and diabetic retinopathy: A. Erginay
- OCT-A Heidelberg: C. Français
- Drepanocytosis wide field: A. Giocanti

18.30



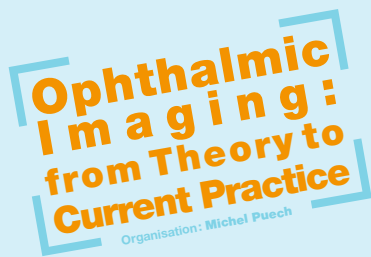
**WORKSHOPS**  
Room D: 11.30-12.40

**OCT**

- CANON
- HEIDELBERG
- NIDEK
- OPTOVUE
- OPTOPOL
- OPTOS
- TOPCON
- ZEISS
- TOMEY (CASIA2)
- MEDICAL DEVEYES (CSO)

**ULTRASOUND IMAGING, UBM, BIOMETRY...**

- ACCUTOME
- ELLEX
- QUANTEL MEDICAL
- SONOMED



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Last Name

First Name

E-mail

Billing address   
(including the Company and Doctor's names if any)

City  Zip Code

Country

Phone  Fax

Ophthalmologist     Radiologist     € 410

Trainee, Resident, Fellow     € 240

Orthoptist     Nurse     Technician     € 210

Speaker Free Paper/Poster     € 140

**I choose 5 theoretical courses** (tick the appropriate boxes on sessions A, B, C, D)

	A	B	C	D
8.30 9.25	<input type="checkbox"/> <b>A1</b> OCT and fibers	<input type="checkbox"/> <b>B1</b> Corneal Topography	<input type="checkbox"/> <b>C1</b> Biometry / IOL Calculation	
9.30 10.25	<input type="checkbox"/> <b>A2</b> AMD Imaging	<input type="checkbox"/> <b>B2</b> Corneal Imaging & Ant. Segment	<input type="checkbox"/> <b>C2</b> Visual Field	
11.30 12.40	<b>WORKSHOPS</b>			
13.40 14.30	<b>AWARD CEREMONY / PLENARY SESSION: OCT-A from cornea to macula</b>			
15.30 16.25	<input type="checkbox"/> <b>A3</b> Macula Others	<input type="checkbox"/> <b>B3</b> Ultrasound Imaging	<input type="checkbox"/> <b>C3</b> Electrophysiology	<input type="checkbox"/> <b>D3</b> Free papers Glaucoma
16.30 17.25	<input type="checkbox"/> <b>A4</b> IVI	<input type="checkbox"/> <b>B4</b> Tumors	<input type="checkbox"/> <b>C4</b> Radiology	<input type="checkbox"/> <b>D4</b> Free Papers Rétine 1
17.30 18.30	<input type="checkbox"/> <b>A5</b> Pitfalls in OCT	<input type="checkbox"/> <b>B5</b> Lasers	<input type="checkbox"/> <b>C5</b> Free Papers Cornea / AS	<input type="checkbox"/> <b>D5</b> Free Papers Rétine 2

### Registration & Payment

- Registration online: [www.vuexplorer.com](http://www.vuexplorer.com) or by email (registration form to fill-in)
- Payment by check to **VuExplorer Institute 4 rue des Grandes Terres 92500 Rueil-Malmaison - FRANCE**

### Travel

- By Train: SNCF : Discount is offered depending on fare and class of travel booked.  
**Please tick the box** to receive the voucher for train discount.
- By plane: AIR France/KLM: for ticket reservation, the event code is the following : **33778AF**



### Contact

Tel. : +33 1 40 26 30 30 - Email : [contact@vuexplorer.com](mailto:contact@vuexplorer.com) - [www.vuexplorer.com](http://www.vuexplorer.com)



## Invited Speakers:

Pr Ahmed ALSAADI (UAE)  
Pr Florent APTEL  
Pr Sergei ASTAKHOV (RU)  
Pr Christophe BAUDOIN  
Pr Francine BEHAR COHEN  
Pr Bahram BODAGHI  
Pr Vincent BORDERIE  
Pr Salomon Yves COHEN  
Pr Dmitry DAVYDOV (RU)  
Pr Alexandre DENOYER  
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Pr Rudolf GUTHOFF (DE)  
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Pr Marc MURAINÉ  
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Pr Dan REINSTEIN (UK)  
Pr Jean-Paul RENARD  
Pr David SARRAF (USA)  
Pr Leonidas ZOGRAPHOS (CH)

Dr Isabelle AKNIN  
Dr Aude AMBRESIN (CH)  
Dr Francesca AMOROSO  
Dr Michaël ASSOULINE  
Dr Georges BAIKOFF  
Dr Olivier BERGES  
Dr Esther BLUMEN-OHANA  
Dr Sebastien BONNEL  
Dr Emmanuelle BRASNU  
Dr Violaine CAILLAUX  
Dr Isabel CARDOSO (BR)  
Dr Chloé CHAMARD

Dr Florence COSCAS  
Dr Vincent DAIEN  
Dr Laurence DESJARDINS  
Dr Thomas DESMETTRE  
Dr François DEVIN  
Dr Ali ERGINAY  
Dr Jean-Remi FENOLLAND  
Dr Catherine FRANÇAIS  
Dr Cati GANEM  
Dr Damien GATINEL  
Dr Audrey GIOCANTI  
Dr Peter GOOD (UK)  
Dr Vincent GUALINO  
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Dr Pierre LEVY  
Dr Irmela MANTEL (CH)  
Dr Alexandre MATET  
Dr Ana MIGUEL (SP)  
Dr Gérard MIMOUN  
Dr Sarah MREJEN  
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Dr Pavel NECHIPORENKO (RU)  
Dr Winifred NOLAN (UK)  
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Dr Pierre PEGOURIE  
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Dr Catherine VIGNAL  
Dr Dmitry YAROVY (RU)  
Dr Olivia ZAMBROWSKI  
Dr Xavier ZANLONGHI  
Dr Hatem ZEGHIDI

Mme Neda ABRAHAM  
Mr Raphaël AMAR  
Mr Mourtaza AIMADALY  
Mr Tanguy BIZEAU  
Mme Marie-Julie BOVIS  
Mr Boris BRAUNSTEFFER  
Mr Nicolas BRUEL  
Mr Jacques CHARLIER  
Mr François DEZANDRE  
Mme Basheera DOOMUN  
Mme Marine GOBBE (UK)  
Mme Karine HAWA  
Mr Romain LEZE  
Mr Claude MOISSONNIER  
Mr Benjamin MSIHID  
Mme Nadja ROUSSEAU  
Mme Margarita ROZHDESTVENSKAYA  
Mme Charlotte SEVIN  
Mme Chloé WERNER

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## Conference Venue

### New Cap Event Center

1-13 Quai de Grenelle  
75015 Paris (France)  
Subway: Bir-Hakeim (line 6)  
Phone: +33 1 44 37 42 00  
www.newcap-evencenter.com

## Date and Time

**Friday 12th October 2018**

From 8.25 am to 6.30 pm

## Languages

English / French  
(simultaneous translation)

## Organization

### VuExplorer Institute

Isabelle Marsilio  
Phone: +33 1 40 26 30 30  
Email: contact@vuexplorer.com

## Registrations

**www.vuexplorer.com**

Fax: +33 1 40 26 13 26

### VuExplorer Institute

4, rue des Grandes Terres  
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## Technical service

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