

FRIDAY

PLENARY HALL (Floor -2)

07.45 EDUCATIONAL OPTOVUE TRAINING COURSE for OCT Angiography new users

08.20 PANEL: Strategies for interpreting OCT Angiograms - how to avoid pitfalls and artifacts

08.50 OCT Angiography of AMD and CNV - Session 1

09.44 OCT Angiography of AMD and CNV - Session 2

11.27 OCT Angiography of Dry AMD, non-exudative CNV

12.35 Coscas Medal Award: Alexander Brucker

12.40 Guest speaker: Alexander Brucker

13.00 LUNCH BREAK

14.00 Technology session on imaging and OCT Angiography

15.22 Technology session on OCT Angiography by Industries

16.32 PANEL: How OCT Angiography will impact everyday management of patient

17.24 CSC, Pachychoroid

18.30 *END OF THE SESSIONS*

HALL C (Floor -1)

15.00 Diabetic Retinopathy – Session 1

15.54 Diabetic Retinopathy – Session 2

16.55 *END OF THE SESSIONS*

HALL A (Floor -2)

07.45 OPTOVUE SYMPOSIUM. TRUE LIFE OCTA: why quantitative OCT Angiography helps in true life ophthalmology: Angio Analytics and Tracking

08.20 Anatomy, Histology and Retina Imaging

09.07 Choroidal and Chorio Capillaris imaging

09.40 Diabetic Retinopathy – Session 3

10.48 Vascular Occlusions, Other Vascular disorders

11.28 OCT Angiography of Macular Telangiectasias, Myopia

12.29 Oncology

12.55 LUNCH BREAK

14.00 Adaptive Optics

14.26 Optic nerve and neurology

15.13 CNV. Maculopathies non AMD

16.07 ROUND TABLE: OCTA in reading centers

16.32 Quantitative OCT Angiography Analysis in Diabetes

17.20 *END OF THE SESSIONS*

SATURDAY

HALL B (Floor -2)

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| 08.00 | Surgery |
| 09.08 | Technology on advances in imaging and OCTA |
| 10.09 | Advances in imaging and OCTA |
| 11.17 | Advances in imaging and OCTA in young children |
| 11.57 | Quantitative OCT Angiography Analysis |
| 14.00 | LUNCH BREAK |
| 15.00 | Optic nerve and Glaucoma |
| 16.15 | <i>END OF THE SESSIONS</i> |

HALL C (Floor -1)

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|-------|---|
| 08.00 | OCT Angiography of uveitis, choroiditis - Session 1 |
| 09.15 | OCT Angiography of uveitis, choroiditis - Session 2 |
| 10.02 | OCT Angiography of other maculopathies |
| 11.10 | Rapid Fire Section |
| 12.25 | Anterior segment OCT and OCTA Angiography |
| 13.20 | <i>END OF THE SESSIONS</i> |

FRIDAY

PLENARY HALL (Floor -2)

7.00 REGISTRATION

7.45 (35') EDUCATIONAL OPTOVUE TRAINING COURSE for OCT Angiography new users
*Salomon Yves Cohen, Marco Rispoli, Leonardo Mastropasqua,
Bruno Lumbroso, Luca Di Antonio*

8.20 (25') SESSION 1 - PANEL: Strategies for interpreting OCT Angiograms - How to avoid pitfalls and artifacts - *Srinivas Sadda, Philip J. Rosenfeld, Richard Spaide*

8.45 (5') Discussion

SESSION 2 - OCT ANGIOGRAPHY OF AMD AND CNV 1

*Chairs: David Huang, Eric Souied, Salomon Yves Cohen,
Francine Behar Cohen, Shibo Tang*

8.50 (7') **Eric Souied** - Analysis of flow remodeling of CNV

8.57 (7') **Alexandra Miere, Eliana Costanzo, Eric Souied** - OCTA versus ICGA

9.04 (7') **K. Bailey Freund, David Sarraf** - OCT Angiography Analysis of Type 1, 2, 3, 4 neovascularization

9.11 (7') **Min Wang** - Differentiating CNV from intrinsic tumor feeder vessel in choroidal osteoma by OCT Angiography

9.18 (7') **Salomon Yves Cohen, Astroz P., Alexandra Miere, Sarah Mrejen, Eric Souied** - OCT Angiography in multifocal choroiditis

9.25 (7') **Rufino Silva** - AMD subtypes - RAP and polypoidal

9.32 (7') **Shih-Jen Chen, Yi-Ming Huang, Ming-Hung Hesih, Han-Chung Liu, Yu-Bai Chou, An-Fei Li** - Sensitivity, specificity, and limitations of Optical Coherence Tomography Angiography in diagnosis of idiopathic polypoidal choroidal vasculopathy

9.39 (5') Discussion

SESSION 3 - OCT ANGIOGRAPHY OF AMD AND CNV 2

*Chairs: Richard Spaide, Philip J. Rosenfeld, Bruno Lumbroso,
Nadia Waheed, Daniel Pauleikhoff*

9.44 (7'+7'+7') **Daniel Pauleikhoff, David Sarraf, Richard Spaide** - OCTA characteristics of vascularized PED in AMD

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- 10.05 (7')** **Bruno Lumbroso** - OCT Angiography of analysis of CNV recurrences
- 10.12 (7')** **Philip J. Rosenfeld** - SD-OCTA vs. SS-OCTA for imaging macular neovascularization
- 10.19 (7')** **K. Bailey Freund** - The evolution of Type 3 neovascularization imaged with cross-sectional and 'En Face' Optical Coherence Tomography Angiography
- 10.26 (7')** **David Sarraf** - A new staging system for Type 3 neovascularization using Spectral Domain OCT
- 10.33 (7')** **Daniel Pauleikhoff** - Comparison of structural SD-OCT and 3D OCTA activity characteristics during Anti-VEGF-therapy in AMD
- 10.40 (7')** **Gabriel Coscas, Marco Lupidi, A Sellam, Jf Loubet, Florence Coscas** - OCTA activity criteria during follow-up of CNV in AMD
- 10.47 (7')** **Ursula Schmidt-Erfurth** - Prediction of disease progression in AMD based on multi-parameter analysis
- 10.54 (7')** **Francine Behar Cohen** - Vasculature of retina and choroid: what does imaging tell us about disease mechanisms?
- 11.01 (7')** **Federico Ricci** - Retreatment criteria adopted in CNV patient treated with Ranibizumab: Olimpic, an Italian study
- 11.08 (7')** **Adil El Maftouhi** - Early détection of CNV on OCTA
- 11.15 (7')** **Emin Özmert, Sibel Demirel, Özge Yanık, Figen Şermet** - Optical Coherence Tomography Angiography in cases with flat irregular pigment epithelial detachment
- 11.22 (5')** **Discussion**

SESSION 4 - OCT ANGIOGRAPHY OF DRY AMD, NON-EXUDATIVE CNV

Chairs: Philip J. Rosenfeld, Giovanni Staurenghi, Nadia Waheed, Giuseppe Querques, Steven T. Bailey

- 11.27 (7')** **SriniVas Sadda** - Defining atrophy on OCT: results of the CAM consensus
- 11.34 (7')** **Philip J. Rosenfeld** - OCTA of MNV in non-exudative neovascular intermediate AMD
- 11.41 (7')** **Giuseppe Querques** - OCTA in intermediate AMD
- 11.48 (7')** **Nadia Waheed** - OCTA in dry AMD
- 11.55 (7')** **Giovanni Staurenghi** - Differential diagnosis between cysts and non perfused aerea
- 12.02 (7')** **Riccardo Sacconi** - Choroidal round hyporeflectivities in geographic atrophy
- 12.09 (7')** **David Sarraf** - OCT Angiography of Type 1 neovascularization associated with macular atrophy
- 12.16 (7')** **Steven T. Bailey** - Non-exudative Neovascular AMD
- 12.23 (7')** **SriniVas Sadda** - A simple OCT-based scale for staging non-neovascular AMD
- 12.30 (5')** **Discussion**

12.35 (5') **Coscas Medal Award: Alexander J. Brucker**

12.40 (15') **Guest speaker: Alexander J. Brucker**

13.00 - 14.00 LUNCH BREAK

SESSION 5 - TECHNOLOGY SESSION ON IMAGING AND OCT ANGIOGRAPHY

*Chairs: James Fujimoto, David Huang, Philip J. Rosenfeld,
Srinivas Sadda, Wolfgang Drexler*

- 14.00 (7') **Srinivas Sadda** - Differences between alternate processing methods for OCTA data
- 14.07 (7') **Rishard Rami Weitz** - OCT Angiography - Lessons from Adaptive Optics Imaging
- 14.14 (7') **Wolfgang Drexler** - OCT Angiography using novel akinetic swept source technology
- 14.21 (7') **James Fujimoto** - Visualization OCTA flow impairment with variable interscan time analysis
- 14.28 (7') **Ruikang Wang** - Projection artifact removal strategies for MNV visualization and quantification
- 14.35 (7') **David Huang** - Parallel strip registration of wide-field OCTA
- 14.42 (7') **Ruikang Wang** - Ultrawide field of view Optical Coherence Tomography Angiography
- 14.49 (7') **Adrian Podoleanu** - Progress in the technologies of 'En-face' OCT and of 3D visualisation for clinical imaging
- 14.56 (7') **Utkarsh Sharma** - Technology improvements for enhanced clinical usability of OCTA
- 15.03 (7') **Darius Mosfeghi** - A novel wide angle contact combined fundus and OCT imaging system
- 15.10 (7') **Vivien Vasseur, Bruno Lay, Julien Gozlan, Martine Mauget-Fajÿsse** - A new software for OCTA analysis
- 15.17 (5') **Discussion**

SESSION 6 - TECHNOLOGY SESSION ON OCT ANGIOGRAPHY BY INDUSTRIES

Chairs: James Fujimoto, David Huang, Adrian Podoleanu, Bruno Lumbroso

- 15.22 (10') **Jay Wei** - Optovue - The challenges and possibilities
- 15.32 (10') **Charles Reisman** - Topcon - Advances in OCT and imaging techniques
- 15.42 (10') **Ori Zahavi** - OCT Technology Canon
- 15.52 (10') **Angelo Rago** - OCT Technology Zeiss
- 16.02 (10') **Jan Dechent** - OCT Technology Heidelberg
- 16.12 (10') **Riccardo Ferraris De Gaspare** - Nidek - Multimodal imaging: OCT Angiography and microperime
- 16.22 (10') **Bartosz Sikorski** - OCT Technology Optopol

16.32 (35') SESSION 7 - PANEL: How OCT Angiography will impact everyday management of patient - *Richard Spaide, Philip J. Rosenfeld, Karl Csaky, Bruno Lumbroso*

- 17.07 (7') **Karl Csaky** - Why most practicing ophthalmologists do not think they will use OCT Angiography
- 17.14 (5') **Sylvia Nghiem-Buffer** - What does use of OCT-Angiography change in my practice today
- 17.19 (5') **Françoise Belloir-Furet** - Angio OCT use in rural ophthalmology

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SESSION 8 - CSC, PACHYCHOROID

**Chairs: Alexander Brucker, K. Bailey Freund,
Martine Mauget-Fajÿsse, Rubens Belfort, Jakub Kaluzny**

- 17.24 (7')** **Jakub Kaluzny** - 'En face' OCT in detection of photoreceptor damage in central serous chorioretinopathy
- 17.31 (7')** **Martine Mauget-Fajÿsse, Flore De Bats, Benjamin Wolff, Pierre Loïc Cornut, Celine Giraud** - OCTA in CSC
- 17.38 (7')** **K. Bailey Freund** - Focal choroidal excavation: a manifestation of pachychoroid spectrum disease
- 17.45 (7')** **Ana Pajtler Rošar, Alenka Lavrič, Mojca Urbančič, Marija Pfeifer Schwarzbartl, Vladimir Pfeifer** - Pachychoroid spectrum disease - Case series
- 17.52 (7')** **Massimo Nicolò** - Choroid in CSC
- 17.59 (7')** **Maria Cristina Savastano** - Vessel pattern in pachychoroid
- 18.06 (7')** **Roberta Farci, Pietro Napoli, Maurizio Fossarello** - Optical Coherence Tomography Angiography of central serous corioretinopathy
- 18.13 (7')** **Alessandro Rabiolo** - Choroidal vascularity changes in central serous chorioretinopathy
- 18.20 (5')** **Discussion**

HALL C (Floor -1)

Official language: English (no translation)

SESSION 9 - DIABETIC RETINOPATHY 1

**Chairs: Francesco Bandello, Jose Cunha Vaz, André Romano,
Tommaso Micelli Ferrari, Maria Cristina Savastano**

- 15.00 (7')** **André Romano** - Structural staging system in diabetic retinopathy using OCTA
- 15.07 (7')** **José Cunha-Vaz** - FA vs. OCTA to follow diabetic patients
- 15.14 (7')** **Francesco Bandello** - Assesment of foveal avascular zone in diabetic retinopathy by Optical Coherence Tomography Angiography and correlation analysis with peripheral ischemic index
- 15.21 (7')** **Joanna Gołębiewska, Andrzej Olechowski, Marta Wysocka-Mincewicz, Marta Baszy ska, Artur Groszek, Wojciech Hautz, Mieczysław Szalecki** - Retinal microvasculature in children with type 1 diabetes on Optical Coherence Tomography Angiography
- 15.28 (7')** **Simona Caprani, Simone Donati, Claudio Azzolini** - Diabetic macul edema and Angio OCT: vascular micro structure
- 15.35 (7')** **Valérie Mané** - Localization of hard exudates and deep capillary plexus in diabetic macular edema

15.42 (7') **Katarzyna Michalska-Matecka, Anna Heinke-Knudsen, Anna Laudy-Sip** - Optical Coherence Tomography Angiography features in patients with diabetic retinopathy treated with anti-VEGF intravitreal injections

15.49 (5') **Discussion**

SESSION 10 - DIABETIC RETINOPATHY 2

*Chairs: Francesco Bandello, José Cunha Vaz, Caroline Baumal,
Thomas Theelen, Florence Coscas*

15.54 (7') **Vladimir Neroev, Tatiana Kiseleva, Tatiana Okhotsimskaia, Olga Zaytseva, Marina Ryabina, Fadeeva V.A.** - Diabetic retinopathy: Angio-OCT results compared to Dopplerography data

16.01 (7') **Martin Flores-Aguilar** - Macular OCT Angiography as a prognostic indicator in the treatment of diabetic macular edema

16.08 (7') **Anaraa Toishubai, Uranchimeg Davaatseren, Baasankhuu Jamyansuren, Munkhzaya, Tsengenbayar, Munkhkhishig Batbileg, Oyunzaya Luvsantseren, Urangua Jamyansuren, Munkhsaikhan Munkhkhuyag, Unudeleg Bayaraa, Khuderchuluun Nanjid, Chimedsuren Ochir** - Results of the central macular thickness measurement in patients with diabetes mellitus

16.15 (7) **Thomas Theelen** - Pixelwise evaluation of microaneurysms on swept-source OCT Angiography versus fluorescein angiography in diabetic macular edema

16.22 (7') **Claudio Furino** - DEX implant and cataract surgery in DME patients: anatomical and functional

16.29 (7') **Michael Engelbert** - Tomographic relationships between retinal neovascularization and the posterior vitreous in proliferative diabetic retinopathy

16.36 (7') **Tommaso Micelli Ferrari, Eleni Nikolopoulou** - Capillary perfusion density changes in the treatment of diabetic macular edema

16.43 (7') **Simone Donati, Claudio Azzolini** - Angio-OCT in non responders to antiVEGF treatment

16.50 (5') **Discussion**

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HALL A (Floor -2)

7.45 (35') **OPTOVUE SYMPOSIUM. TRUE LIFE OCTA Why quantitative OCT Angiography helps in true life ophthalmology: Angio Analytics and Tracking**
Marco Rispoli, David Huang, Bruno Lumbroso, Luca Di Antonio

SESSION 11 - ANATOMY, HISTOLOGY AND RETINA IMAGING

**Chairs: David Huang, Michel Pâques, Christine Curcio,
José Maria Ruiz Moreno, Quan Dong Nguyen**

- 8.20 (7')** **Christine Curcio** - Subretinal drusenoid deposits - dynamism and cellular basis
8.27 (7') **Christine Curcio** - Validation of mitochondria as reflectivity sources in OCT
8.34 (7') **Michel Pâques** - 3D model of retinal vascularization (comparison OCT Angio-histology)
8.41 (7') **David Huang** - Four retinal vascular plexuses - detailed vascular anatomy with projection-resolved OCTA
8.48 (7') **Maria Vittoria Cicinelli** - Clinical spectrum of macular-foveal capillaries evaluated with Optical Coherence Tomography Angiography
8.55 (7') **Yasir Sepah** - Variations in OCTA within the normal eye
9.02 (5') **Discussion**

SESSION 12 - CHOROIDAL AND CHORIO CAPILLARIS IMAGING

Chairs: José Maria Ruiz Moreno, Richard Spaide, Carl Glittenberg, Christine Curcio

- 9.07 (7')** **Richard Spaide** - Imaging the choriocapillaris
9.14 (7') **Jorge Ruiz-Medrano, José Maria Ruiz-Moreno** - Analysis of age-related choroidal layers thinning in healthy eyes using Swept-Source Optical Coherence Tomography
9.21 (7') **Carl Glittenberg** - Swept Source OCTA imaging of the deep choroid
9.28 (7') **José Maria Ruiz-Moreno, Jorge Ruiz-Medrano** - Choroidal circulation: 'En-face' SS-OCT study
9.35 (5') **Discussion**

SESSION 13 - DIABETIC RETINOPATHY 3

**Chairs: Gabriel Coscas, Jean Francois Korobelnik,
José Cunha Vaz, Alain Gaudric, Nadia Waheed**

- 9.40 (7')** **James Fujimoto** - Measuring total retinal blood flow in diabetic retinopathy with 'En Face' doppler OCT

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- 9.47 (7')** **Nadia Waheed** - Novel OCTA endpoints in diabetic retinopathy.
- 9.54 (7')** **Quan Dong Nguyen** - Effect of vitreo macular adhesion on treatments outcome in the Ranimizumab for edema of the macula in diabetes study
- 10.01 (7')** **Jean François Korobelnik** - New opportunities with SS-OCT Angiography in DR
- 10.08 (7')** **Akihiro Ishibazawa, Taiji Nagaoka, Satoshi Ishiko, Harumasa Yokota, Atsushi Takahashi, Tsuneaki Omae, Young-seok Song, Tatsuhisa Takahashi, and Aki-toshi Yoshida** - Characteristics of retinal neovascularization in proliferative diabetic retinopathy imaged by Optical Coherence Tomography Angiography
- 10.15 (7')** **Gabriel Coscas, Marco Lupidi, Florence Coscas** - OCT Angiography in diabetic maculopathy: qualitative and automated quantitative analysis of retinal vascular impairment
- 10.22 (7')** **Alain Gaudric** - Comparison between diabetic cystoid macular edema and pseudophakic macular edema on OCTA
- 10.29 (7')** **Marco Lupidi, Carlo Cagini, Florence Coscas, Tito Fiore, Gabriel Coscas** - Deep inside diabetic retino-choroidopathy: automated morphofunctional assessment
- 10.36 (7')** **José Maria Ruiz-Moreno** - Study of early changes in retinal circulation in diabetic patients without diabetic retinopathy with OCTA
- 10.43 (5')** **Discussion**

SESSION 14 - VASCULAR OCCLUSIONS, OTHER VASCULAR DISORDERS

Chairs: Alain Gaudric, Jay Duker, David Sarraf, Amani Fawzi, Yuichiro Ogura, Ugo Menchini, Carlo Cagini

- 10.48 (7')** **David Sarraf** - SD OCT and OCTA of PAMM Versus AMN
- 10.55 (7')** **Giuseppe Casalino** - Optical Coherence Tomography Angiography in paracentral acute middle maculopathy secondary to central retinal vein occlusion
- 11.02 (7')** **Valérie Caillet Krivosic, Audrey Giocanti-Auregan, Frédérique Buffon, Corinne Delahaye-Mazza,, Salomon Yves Cohen, Hugues Chabriat, Alain Gaudric** - Optical Coherence Tomography Angiography of familial retinal arteriolar tortuosity
- 11.09 (7')** **Florence Coscas, Alexandre Sellam, Agnes Glacet-Bernard, Gabriel Coscas, Eric Souied** - OCTA: VRO follow up
- 11.16 (7')** **Yuichiro Ogura** - OCTA evaluation of branch retinal vein occlusion
- 11.23 (5')** **Discussion**

SESSION 15 - OCT ANGIOGRAPHY OF MACULAR TELANGIECTASIAS, MYOPIA

Chairs: Richard Spaide, Martine Mauget-Fayssse, Alfredo Pece, Alexandre Matet, Sobha Sivaprasad

- 11.28 (7')** **Richard Spaide** - New Optical Coherence Tomography Angiography findings in MacTel2

- 11.35 (7')** **Alexandre Matet** - OCTA of macular telangiectasia type 1
- 11.42 (7')** **Martine Mauget-Faÿsse, Pierre Loïc Cornut, Flore De Bats, Vivien Vasseur, Benjamin Wolff** - OCTA in MacTel type 2
- 11.49 (7')** **Chrysoula Koutsiouki, Sobha Sivaprasad** - Multimodal imaging characteristics of Idiopathic juxtafoveolar retinal telangiectasis type 2 (Mac Tel 2)
- 11.56 (7')** **Alfredo Pece** - OCTA in myopia
- 12.03 (7')** **Sal Rassam** - OCTA highlighting the features of myopic macular changes
- 12.10 (7')** **Miho Nozaki, Takeshi Mizutani, Aki Kato, Munenori Yoshida, Yuichiro Ogura** - New insights of myopic choroidal neovascularization detected by Optical Coherence Tomography Angiography
- 12.17 (7')** **Giuseppe de Crechio, Francesca Amoroso, Gilda Cennamo** - Evaluation of the vascular changes in myopic CNV after intravitreal Ranibizumab using OCTA
- 12.24 (5')** **Discussion**

SESSION 16 - ONCOLOGY

Chair: Leonidas Zografos, Gilda Cennamo, Marco Pellegrini, Carlo Cagini

- 12.29 (7')** **Leonidas Zografos** - Anti-VEGF treatment of irradiation induced maculopathy and OCTA follow-up study
- 12.36 (7')** **Gilda Cennamo** - OCT Angiography in the diagnosis and follow up of choroidal tumors
- 12.43 (7')** **Marco Pellegrini** - New imaging technology in ocular oncology
- 12.50 (5')** **Discussion**

12.55 - 14.00 LUNCH BREAK

SESSION 17 - ADAPTIVE OPTICS

Chairs: Michel Pâques, Joseph Carroll, Alain Gaudric, Quan Dong Nguyen, John S. Werner

- 14.00 (7')** **Joseph Carroll** - Understanding Foveal Development Using OCTA and Adaptive Optics
- 14.07 (7')** **Michel Pâques** - Progression of dry AMD: a dynamic approach
- 14.14 (7')** **John S. Werner, Ravi Jonnal** - Adaptive Optics - OCT retinal imaging
- 14.21 (5')** **Discussion**

SESSION 18 - OPTIC NERVE AND NEUROLOGY

Chairs: Albert Augustin, Joanna Gołębiewska, Antonio Ciardella, Richard Rosen

- 14.26 (7')** **Albert Augustin** - Application of Angio-OCT and 'En face' OCT in neuro-ophthalmic diseases
- 14.33 (7')** **Gilda Cennamo** - Evaluation of radial peripapillary capillary network in congenital optic disc

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- anomalies with Optical Coherence Tomography Angiography
- 14.40 (7')** **Joanna Jędrzejczak - Młodziejewska, Wojciech Hautz, Joanna Gołębowska** - Optical Coherence Tomography Angiography in children with demyelinating inflammatory diseases
- 14.47 (7')** **Rishard Rami Weitz, Shelley Mo, Erika Philips, Brian D Krawitz, Reena Garg, Sarwat Salim, Lawrence Geyman, Eleni Efstathiadis, Joseph Carroll, Richard Rosen, Toco Y Chui** - Impact of image registration and averaging on the accuracy of radial peripapillary capillary metrics using OCTA
- 14.54 (7')** **Umur Kayabasi** - OCT macular ganglion layer analysis in neuro-ophthalmological diseases
- 15.01 (7')** **Antonio Ciardella** - OCTA in optic disc edema
- 15.08 (5')** **Discussion**

SESSION 19 - **CNV. MACULOPATHIES NON AMD**

Chairs: Rufino Silva, Maddalena Quaranta El Maftouhi, Xavier Zanlonghi, Marion Munk, Leila El Matri

- 15.13 (7')** **Daniela Bacherini, Andrea Sodi, Gianni Virgili, Stanislao Rizzo** - OCT Angiography in retinal dystrophies
- 15.20 (7')** **Leila El Matri** - Angio OCT in angioid streaks
- 15.07 (7')** **Eleonora Corbelli** - Optical Coherence Tomography Angiography features of angioid streaks
- 15.34 (7')** **Xavier Zanlonghi, M. Tanguy-Loup Bizeau, Armelle Melusson, Nadja Rousseau, Bouaud C., Franck Becquet** - Semiology In Angio-Oct of genetic maculopathy (Stargardt, Best, Achromatopsia...)
- 15.41 (7')** **Andrea Gianì** - Non AMD maculopathies: results from Minerva study
- 15.48 (7')** **Marion Munk** - New insights in the pathomechanism of Torpedo maculopathy using OCTA
- 15.55 (7')** **Maddalena Quaranta El Maftouhi** - Monitoring and follow-up of PCV by OCTA
- 16.02 (5')** **Discussion**

16.07 (25') SESSION 20 - **Round Table: OCT-A in reading centers**

Chairs: Brandon Lujan, Quan Dong Nguyen

Panel: Brandon Lujan, Srinivas Sudda, Nadia Waheed, Quan Dong Nguyen

SESSION 21 - **QUANTITATIVE OCT ANGIOGRAPHY ANALYSIS IN DIABETES**

Chairs: Brandon Lujan, Amir Kashani, Luca Di Antonio, Qienyuan Zhou, Luisa Pierro

- 16.32 (7')** **Srinivas Sudda** - Quantification of vessel density and perfusion density in DR
- 16.39 (7')** **Richard Rosen, Brian D. Krawitz, Erika Philips, Shelley Mo, Richard Bavier, Joseph Carroll, Toco Y Chui** - Quantifying macular ischemia in diabetic retinopathy using Optical Coherence Tomography Angiography

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- 16.46 (7')** **Brandon Lujan** - Quantification of capillary ischemia in diabetic retinopathy using multi-platform OCTA
- 16.53 (7')** **Aude Couturier** - Changes in capillary density after resorption of diabetic cystoid macular edema
- 17.00 (7')** **José Cunha-Vaz** - Quantification of capillary closure in DR
- 17.07 (7')** **Carol Y. Cheung, Fangyao Tang, Danny S. Ng, Clement C.C. Tham** - Determinants of quantitative diabetic macular capillary nonperfusion metrics with Optical Coherence Tomography Angiography
- 17.14 (5')** **Discussion**

HALL B (Floor -2)

SESSION 22 - SURGERY

Chairs: *Stanislao Rizzo, Caroline Baumal, Constantin Pournaras, Claudio Azzolini, Aldo Caporossi, Tommaso Rossi*

- 8.00 (7')** **Tommaso Rossi** - Comparative OCT study of macular holes closure in different surgical techniques
- 8.07 (7')** **Stanislao Rizzo** - 'En face' scan and OCT Angiography in macular hole surgery
- 8.14 (7')** **Caroline Baumal** - Intraoperative ultrahigh speed Swept Source Optical Coherence Tomography (OCT)
- 8.21 (7')** **Constantin Pournaras** - OCT-Angio evaluation of lamellar macular holes
- 8.28 (7')** **Luisa Pierro** - Vascular tissue density of deep retinal capillary plexus in macular holes
- 8.35 (7')** **Stanislao Rizzo** - OCT Angiography in epiretinal membrane surgery
- 8.42 (7')** **Claudio Azzolini, Simone Donati** - Present role of Angio OCT in macular surgery
- 8.49 (7')** **Mario Romano** - VRI pathologies - enzymatic vitreolysis and surgery: Ocriplasmin, how to optimize outcomes
- 8.56 (7')** **Andrea Govetto, Jean, Pierre Hubschman** - OCT study of ERM
- 9.03 (5')** **Discussion**

SESSION 23 - TECHNOLOGY ON ADVANCES IN IMAGING AND OCTA

Chairs *James Fujimoto, David Huang, Philip J. Rosenfeld, Wolfgang Drexler, Qienyuan Zhou*

- 9.08 (7')** **André Romano** - SD-OCT full depth Imaging - Vitreous and choroid in one scan
- 9.15 (7')** **Qienyuan Zhou** - AngioVue OCT-Angiography with the removal of projection artifact
- 9.22 (7')** **John S. Werner, Iwona Gorezyska, Mehdi Azimipour, Justin Migacz** - OCTA with 1.7 MHz A-scan/sec acquisition

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- 9.29 (7')** Florence Coscas, Marco Lupidi, Gabriel Coscas - OCTA artifacts, attention!
9.36 (7') Marion Munk - OCT-Angiography: qualitative and quantitative comparison of 4 OCT devices
9.43 (7') Peter Maloca, Sandrine Zweifel, Daniel Barthelmes, Pascal Hasler - Retinal 3D Angio-OCT
9.50 (7') Zeineb El Sanabary - Additive value of 'En face' OCT to OCTA
9.57 (7') Yusuf Durlu - The feasibility of OCT Angiography following intravitreal anti-vegf injection
10.04 (5') Discussion

SESSION 24 - ADVANCES IN IMAGING AND OCTA

Chairs: James Fujimoto, David Huang, Benjamin Wolff, Peter Maloca, Marco Rispoli

- 10.09 (7')** Aurélie Timsit, Benjamin Wolff, Armelle Cahuzac, Vivien Vasseur, Martine Mauget-Fayssse - Stereo OCTA: useful?
10.16 (7') Ioannis P. Theocharis - A Swept Source Tomography and Angiography study of the deformation of the macula during eye movements
10.23 (7') Francesco Boscia - Diagnostic algorithm of wAMD subtypes
10.30 (7') Adriano Carnevali - Optical Coherence Tomography Angiography: a useful tool for diagnosis of treatment-naïve quiescent choroidal neovascularization
10.37 (7') Tim Enz, Faes Livia, Bittner Mario, Howell Jeremy P., Bachmann Lucas M., Bochmann Frank, Schmid Martin - Changes in retinal hemodynamic measurements after IOP lowering using Optical Coherence Tomography Angiography and retinal function imaging
10.44 (7') Bart Liefers, Vivian Schreur, Thomas Theelen, Clarisa Sánchez - Registration and grading of micro-aneurysms in Fluorescein Angiography and OCT Angiography
10.51 (7') Timur Shaimov, Panova I.E., Shaimova V.A - CNV recurrence during Anti-VEGF therapy in wAMD
10.58 (7') Gerald Seidel, Gerold Aschinger, Christoph Singer, Sereina Annik Herzog, Martin Weger, Anton Haas, René Marcel Werkmeister, Leopold Schmetterer, Gerhard Garhöfer - Estimation of retinal blood flow velocity by Optical Coherence Tomography
11.05 (7') Jian Yifan, Morgan Heisler, Sieun Lee, Zaid Mammo, MyeongJin Ju, Andrew Merkur, Eduardo Navajas, Chandrakumar Balaratnasingam, Mirza Faisal Beg, Marinko V. Sarunic - GPU accelerated 4D Optical Coherence Tomography Angiography
11.12 (5') Discussion

SESSION 25 - ADVANCES IN IMAGING AND OCTA IN YOUNG CHILDREN

Chairs: Xavier Zanlonghi, Aude Ambresin, Joanna Golebiewska, Luca Di Antonio

- 11.17 (7')** Nadja Rousseau, M. Tanguy-Loup Bizeau, Armelle Mélusson, Bouaud C., Franck Becquet, Xavier Zanlonghi - Realization of OCT in young children

SATURDAY

- 11.24 (7')** **Isabelle Drumare, Vasili Smirnov, Ikram Bouacha, Sabine Defoort** - Methods and indications of OCT in infants less than 3 years
- 11.31 (7')** **Sabine Defoort, Bernard Puech, Vasili Smirnov, Caroline Marks, Isabelle Drumare** - OCT features in retinopathy onset in young children
- 11.38 (7')** **Ségolène Roemer, Aude Ambresin** - Evaluation of macular anomalies with Optical Coherence Tomography Angiography in paediatric patients with sickle cell disease
- 11.45 (7')** **Agnieszka Czeszyk-Piotrowicz, Joanna Golebiewska, Beata Kocyla-Karczmarewicz, Wojciech Hautz** - Retinal changes in children with Coats' disease on OCT Angiography
- 11.52 (5')** **Discussion**

SESSION 26 - QUANTITATIVE OCT ANGIOGRAPHY ANALYSIS

Chairs: Richard Rosen, Ursula Schmidt Erfurth, Leonardo Mastropasqua, Marco Rispoli, Daniela Ferrara, Amir H. Kashani

- 11.57 (7')** **Qienyuan Zhou** - Repeatability and reproducibility of AngioAnalytics software
- 12.04 (7')** **Brandon Lujan** - CNV quantification in neovascular AMD using multi-platform OCTA
- 12.11 (7')** **Ursula Schmidt Erfurth** - Analyses of leakage patterns in OCTA
- 12.18 (7')** **Luis De Sisternes** - Advances in OCTA quantification
- 12.25 (7')** **William Zhou** - AngioVue OCT Angiography validated clinical applications
- 12.32 (7')** **Marco Rispoli** - Dark Halo quantitative evolution
- 12.39 (7')** **Sophie Bonnin, Ramin Tadayoni** - Comparison between 3 methods of measuring capillary density on OCTA
- 12.46 (7')** **Daniela Ferrara** - CNV Activity on OCT Angiography
- 12.53 (7')** **Leonardo Mastropasqua** - OCTA microvascular changes in macular edema due to RVO and BRVO: quantitative analysis
- 13.00 (7')** **Audrey Giocanti-Aurégan, Sandrine Eyrault, Sylvia Nghiem-Buffet** - Fovea density assessed by OCTA in vein occlusion associated with macular edema treated by anti-VEGF
- 13.07 (7')** **Luca Di Antonio** - OCT Angiography Quantitative Analysis of Macular Telangiectasias
- 13.14 (7')** **Amir H. Kashani** - Quantitative OCT Angiography for Clinical Applications
- 13.21 (7')** **José Maria Ruiz-Moreno, Jorge Ruiz-Medrano, Jay Chhablani** - Choroidal vascular density in healthy patients. SS-OCT study
- 13.28 (7')** **José Cunha-Vaz** - OCT leakage/ identifying and managing retinal fluid
- 13.35 (7')** **João Pedro Marques** - OCTLeakage mapping: automated identification and location of abnormal fluid in retinal edema
- 13.42 (7')** **Adam Wylęgała, Sławomir Teper, Dariusz Dobrowolski, Edward Wylęgała** - Anti-VEGF-related vascular density level alteration in patients with CNV: an Optical Coherence Tomography Angiography study

13.47 (5') Discussion

14.00 – 15.00 LUNCH BREAK

SESSION 27 - OPTIC NERVE AND GLAUCOMA

**Chairs: David Huang, Michel Puech, Natalia Kurysheva,
Kaweh Mansouri, Umur Kayabashi**

15.00 (7') José Maria Ruiz Moreno, Jorge Ruiz-Medrano - Morphologic analysis of optical nerve colobomas with SS OCT

15.07 (7') David Huang - Quantitative OCTA for glaucoma evaluation

15.14 (7') Michel Puech - OCT Angiography of optic nerve head and angioanalytics

15.21 (7') Umur Kayabashi - OCT Angiography of optic disc and nerve fibers in glaucoma

15.28 (7') Gianni Virgili - Diagnostic accuracy studies on OCT for diagnosing glaucoma: a look at the past, present and future

15.35 (7') Kaweh Mansouri - OCT Angiography of the optic nerve head and macula in glaucoma

15.42 (7') Natalia Kurysheva - OCT Angiography in early glaucoma detection and its monitoring

15.49 (7') Grace Richter - Application of OCTA for diagnostic dilemmas in glaucoma clinic

15.56 (7') Kirsten Hoskens, Elisa D'Alessandro, Robert N Weinreb, Alaa El Ameen, Jacopo Guidotti, Adel Ouabas, André Mermoud, Kaweh Mansouri - Effect of glaucoma surgery on Optical Coherence Tomography Angiography macular and optic nerve head vascular density measurements

16.03 (7') Toco Y Chui, Richard Bavier, Brian D Krawitz, Shelley Mo, Patricia M Garcia, Nicole K Scripsema, Richard Rosen - Analyzing peripapillary capillary density with the removal of major vessel contributions in healthy and glaucoma eyes

16.10 (5') Discussion

HALL C (Floor -1)

Official language: English (no translation)

SESSION 28 - OCT ANGIOGRAPHY OF UVEITIS, CHOROIDITIS – SESSION 1

**Chairs: Vishali Gupta, Rubens Belfort jr.,
Emmett Cunningham, Moncef Khairallah, Sarah Mrejen**

8.00 (7') Emmet Cunningham - Use of OCTA in the diagnosis and management of uveitis

8.07 (7') Vishali Gupta - Differentiating CSC from VKH on OCTA

8.14 (7') Rubens Belfort jr., Eduardo Novais, João Rafael Dias, André Romano OCT - Angiography in intra ocular inflammation. Diagnosis and follow up

SATURDAY

- 8.21 (7')** **Salomon Yves Cohen, Sarah Mrejen, Polina Astroz, Sylvia Nghiem-Buffer** - OCTA in multifocal choroiditis
- 8.28 (7')** **Damien Rodger** - Retinal microvascular changes in uveitis detected using OCTA
- 8.35 (7')** **Francesco Pichi** - OCTA of iris in uveitis
- 8.42 (7')** **Moncef Khairallah** - OCTA and Behçet uveitis
- 8.49 (7')** **Felice Miranti, Luca Ventre** - Intra vitreal Triamcinolone Acetonide on label in posterior pole inflammations. OCT follow up
- 8.56 (7')** **Sarah Mrejen, Caroline Bottin, Kate Grieve, Florence Rossant, Michel Paques** - Directional imaging in Acute Macular Neuroretinopathy
- 9.03 (7')** **David Sarraf** - OCT Angiography of placoid related disorders shows choriocapillaris ischemia
- 9.10 (5')** **Discussion**

SESSION 29 - OCT ANGIOGRAPHY OF UVEITIS, CHOROIDITIS – SESSION 2

Chairs: Vishali Gupta, Sarah Mrejen, André Romano, Carlo Cagini, Marco Lupidi

- 9.15 (7')** **Vishali Gupta** - OCTA in documenting paradoxical worsening in patients with intraocular tuberculosis
- 9.22 (7')** **João Rafael Dias, Camila Ventura, Mauricio Maia, Bruno Freitas, Rubens Belfort jr.** - OCT findings in Zyka Syndrome
- 9.29 (7')** **Stefania Miotto** - Retinal inflammations: Angiography versus OCT
- 9.36 (7')** **Spoorti Krishna Reddy Mandadi, Aniruddha Agarwal, Kanika Aggarwal, Ankit Deokar, Ramandeep Singh, Reema Bansal, Mangat R. Dogra, Vishali Gupta** - Longitudinal follow-up of tubercular serpiginous-like choroiditis using Optical Coherence Tomography Angiography
- 9.43 (7')** **Aniruddha Agarwal, Ramandeep Singh, Alessandro Invernizzi, Sahil Jain, Alessandra Acquistapace, Spoorti Krishna Reddy Mandadi, Kanika Aggarwal, Vishali Gupta, Mangat R. Dogra** – Analysis of retinochoroidal vasculature in HIV Infection using Spectral-Domain Optical Coherence Tomography Angiography
- 9.50 (7')** **Marco Lupidi, Carlo Cagini, Alessio Cerquaglia, Tito Fiore, Gabriel Coscas** - What's new on complicated chorio capillaritis: there role of OCT-Angiography
- 9.57 (5')** **Discussion**

SESSION 30 - OCT ANGIOGRAPHY OF OTHER MACULOPATHIES

Chairs: Lee Jampol, Martine Mauget-Faÿsse, Sunil K. Srivastava, Catherine Français, Claudio Azzolini

- 10.02 (7')** **Claire Scemama, Benjamin Wolff, Vivien Vasseur, Clément Dubois-Roussel, Céline Giraud, Martine Mauget-Faÿsse** - OCTA in acquired vitelliform dystrophy

- 10.09 (7')** Lee Jampol - OCTA and white dots syndromes
- 10.16 (7')** Catherine Français, Florence Coscas - CNV recurrence and MEWDS followed with OCTA
- 10.23 (7')** Sunil K. Srivastava - OCTA in Birdshot
- 10.30 (7')** Zaid Shalchi, Joao Cardoso, Pearse Keane, Carlos Pavesio - Optical Coherence Tomography Angiography findings in acute posterior multifocal placoid pigment epitheliopathy
- 10.37 (7')** Susanne Yzer, Henk de Jong, Maria Van Velthoven, Jose Martinez, Adrian Fung - Optical Coherence Tomography Angiography of acute macular neuroretinopathy does not show compromised chorioretinal vascular flow
- 10.44 (7')** Aristomenis Thanos, Yoshihiro Yonekawa, Lisa Faia, Sandeep Randhawa - OCT Angiography findings in acute macular neuroretinopathy
- 10.51 (7')** Nihal Hassan - OCT angiogram in different macular lesions
- 10.58 (7')** Jeanne Gunzinger, Peter Maloca, Katrin Fasler, Daniel Barthelmes, Christian Boni, Pascal Hasler, Sandrine Zweifel - 'En Face' OCT finding in patients with solar maculopathy and laser injuries
- 11.05 (5')** Discussion

SESSION 31 - RAPID FIRE SESSION

Chairs: Anita Leys, Martine Mauguet-Fayÿsse, Gabriele Thumann

- 11.10 (3'+2')** Elise Boulanger, Elsa Laumonier, Céline Giraud, Martine Mauguet-Fayÿsse - OCTA in hereditary macular dystrophies
- 11.15 (3'+2')** Vincent Qin, Armelle Cahuzac, Benjamin Wolff, Flore De Bats, Vivien Vasseur, Martine Mauguet-Fayÿsse - OCTA in Birdshot chorioretinopathy
- 11.20 (3'+2')** Anthony Manassero, Matthieu Robert - OCTA in Neurofibromatosis type 1
- 11.25 (3'+2')** Omar Trabelsi - Angio-OCT after rhegmatogenous retinal detachment surgery
- 11.30 (3'+2')** Ourida Ouhadj - Vasculopathie polypoidale et anti-VEGF
- 11.35 (3'+2')** Alain Serru - photoreceptors loss in chronic pachychoroid
- 11.40 (3'+2')** Jean François Le Rouic, Peronnet Pascal - OCT Angiography analysis of closed posterior retinal holes after intravitreal injection
- 11.45 (3'+2')** Sylvia Nghien-Bufferet - Atypical evolution of a CSC case
- 11.50 (3'+2')** Ana Amaro, Bernardo Feijoo, Ana Amaral - Angio-OCT in the diagnosis of choroidal neovascularization in adult-onset foveomacular vitelliform dystrophy: a case report
- 11.55 (3'+2')** Kais Ben Abderrahim - Retrobulbar optic neuritis caused by autoimmune hypophysitis during pregnancy abnormalities revealed by Ocular Coherence Tomography
- 12.00 (3'+2')** Catherine Favard, Sawsen Salah, Martine Mauguet Fayÿsse - OCTA analysis of macular primary toxoplasmosis
- 12.05 (3'+2')** Mouaki Benani S, Bitout L, Ouhadj Ourida - Pseudo-vitelliform dystrophy in adult-onset

SATURDAY

Steinert disease (Myotonic dystrophy type 1)

12.10 (3+2) Fatiha Karaouat - Difficult clinical case

12.15 (3+2) Mate Strehö, Belkacem Haouchine, Romain Lezé, Michel Puech, Ramin Tadayoni - Refractile drusen on OCT Angiography

12.20 (3+2) Fabio Scarinci - Multimodal imaging in a case of APMPPE

SESSION 32 - ANTERIOR SEGMENT OCT AND OCT ANGIOGRAPHY

Chairs: Paolo Vinciguerra, Leonardo Mastropasqua, Adil El Maftouhi

12.25 (7') Adil El Maftouhi - Interest of OCTA in anterior segment

12.32 (7') Leonardo Mastropasqua, Luca Agnifili - Anterior segment OCT and glaucoma

12.39 (7') Paolo Vinciguerra - Anterior segment OCT and dry eye

12.46 (7') Paolo Vinciguerra - Anterior segment OCT and photorefractive surgery and surface treatment

12.53 (7') Leonardo Mastropasqua - Anterior segment OCT and intra-stromal surgery

13.00 (7') Pietro Rosetta - Anterior segment OCT and keratoplasty

13.07 (7') Vito Romano - Anterior segment OCTA

13.14 (5') Discussion

IMAGE GALLERY

Joseph Carroll

Where specialists submit their best OCT image, it will roll through on a monitor in the exhibit area