Preliminary Program 1.0 July 31st, 2021 - FRIDAY

NON EXUDATIVE MNV
Chair: Eric Souied
8:00  Nadia Waheed - Vascularized drusen and long term follow up
8:07  Giuseppe Querques - Incidence and nature of neovascularization in the fellow eye of patients with exudative Type 3 MNV: a long term analysis in the era of advanced
8:14  Eric Souied - Asymptomatic CNV in the fellow eye
8:21  Alexandra Miere - Nascent Type 3
8:28  Discussion

NEOVASCULAR VS EXUDATIVE AMD - IS THIS IMPORTANT FOR FUTURE THERAPIES?
Chair: Daniel Pauleikhoff
8:38  David Sarraf - Spectrum of exudative non-neovascular AMD (NEAD)
8:45  Richard Spaide - Spectrum of neovascular AMD (MNV) and imaging biomarkers
8:52  Alain Gaudric - MacTel Type 2 by OCT and OCTA
8:59  Daniel Pauleikhoff - Transformation of MNV during anti-VEGF therapy - what are future challenges?
9:06  Discussion
9:13  Stanislao Rizzo - Advanced treatments for vision
9:20  Stanislao Rizzo - Introduction to José Alain Sahel
9:23  OPTOGENETICS TODAY AND TOMORROW
GUEST OF HONOR: José Alain Sahel

UPDATE ON EXUDATIVE MACULOPATHY
Chairs: Marco Rispoli, Giuseppe Querques
9:38  Anat Loewenstein - Update on treatment of diabetic macular edema
9:45  David Sarraf - Intravitreal Brolucizumab Therapy: Can Ultra Widefield FA Identify Patients at Risk of Severe Vision Loss?
9:52  Eric Souied - Brolucizumab: the French experience
9:59  SriniVas Sadda - SHRM and PED in the HAWK and HARRIER Studies
10:06  Marion Munk - Personal experience on early drying effect
10:13  Discussion
# Preliminary Program 1.0 July 31st, 2021 - FRIDAY

## 10:20 COFFEE BREAK

### BREAK SYMPOSIUM

**OCT-A INNOVATIONS: DEEPER, WIDER, FASTER, AND MORE INTELLIGENT**

*Moderator: Edoardo Midena*

- **10:20** [Giovanni Staurenghi](#) - When UWF Fluorescein Angiography supports OCTA
- **10:35** [Giuseppe Querques](#) - Ultra-widefield Fluorescein Angiography
- **10:50** [Barbara Parolini](#) - Fundus imaging without compromises
- **11:05** Discussion

### ARTIFICIAL INTELLIGENCE 1

*Chair: Anat Loewenstein*

*Moderators: Dafna Goldenberg, Dinah Zur*

- **11:20** [Ursula Schmidt-Erfurt](#) - The current and future status of Artificial Intelligence in Retina
- **11:27** [Usha Chakravarthy](#) - Impact of macular fluid volume fluctuations on visual acuity during anti-VEGF therapy in eyes with nAMD
- **11:34** [Eric Souied](#) - Artificial Intelligence to Stratify Severity of Age-Related Macular Degeneration (AMD) and Predict Risk of Progression to Late AMD
- **11:41** [Roy Schwartz](#) - How to identify reticular pseudodrusen in the large UK biobank?
- **11:55** [Peter Campbell](#) - Deep Learning for the Diagnosis of Stage in Retinopathy of Prematurity: Accuracy and Generalizability across Populations and Cameras
- **12:02** Discussion

### HIGHLIGHTS ON OCTA

*Chair: Yali Jia*

- **12:12** [Jennifer Sun](#) - OCTA Projection Artifact Removal: Impact on Capillary Density and Interaction with Diabetic Retinopathy Severity

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**LIVE SURGERIES**

**BELLE ARTI HALL**

**CARAVAGGIO HALL**

**FLORETINA HALL**

**10:00 - 10:40 MEET THE EXPERT**

**12:00 - 12:40 MEET THE EXPERT**

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**ICOR 2021**

9° International Congress on OCT and OCT angiography in Rome

**SPECIAL EVENT**

**FLORETINA**

LIVE SURGERY AND SYMPOSIA

December 17 and 18, 2021
Rome - Cavalieri Congress Center
12:19  Amani Fawzi - 3D-PROCTA application to CNV: what we learned about lesion complexity  
12:26  Xiaoyan Ding - Quantitative projection-resolved outer retinal angiogram in determining activity of myopic CNV  
12:33  Toco Y Chui - Dynamics of Microvascular Intermittent Flow in Sickle Cell Retinopathy Revealed by Serial OCTA  
12:40  Yali Jia - Deep learning-based signal-independent assessment of macular avascular area on OCTA  
12:47  Joseph Carroll - Use and Interpretation of OCTA Imaging  
12:54  Discussion  

**BRUNO LUMBROSO LECTURE**  
13:04  Quan Dong Nguyen – Introduction to Bruno Lumbroso Lecture  
13:07  James Fujimoto - BRUNO LUMBROSO LECTURE  

**LUNCH SYMPOSIUM**  
**DEX IMPLANT BENEFITS IN DME PATIENTS’ MANAGEMENT**  
*Chairs: Francesco Bandello, Edoardo Midena*  
13:35  Francesco Bandello, Edoardo Midena - Introduzione  
13:40  Edoardo Midena - The inflammatory rationale behind DME  
13:55  Stela Vujosevic - Clinical case 1  
14:05  Marco Lupidi - Clinical case 2  
14:15  J. Chhablani - Pratical consideration: what we have learned in 5 years  
14:25  Discussion  
14:30  END OF THE SYMPOSIUM  

**ADVANCES IN IMAGING TECHNOLOGY**  
*Chair: James Fujimoto*  
14:35  Richard Rosen - Multimodal Cellular Imaging of Macular Hyalocytes: Clinical OCT with Adaptive Optics SLO Interpretation  
14:42  Ravi Jonnal - Human photoreceptor optoretinography: methods and mechanisms  
14:49  Michael Pircher - Challenges in adaptive optics OCT imaging  

**LUNCH SYMPOSIUM**  
**13:35 - 14:30 LUNCH SYMPOSIUM**  
**13:35 - 14:30 LUNCH SYMPOSIUM**  
**13:35 - 14:30 LUNCH SYMPOSIUM**
14:56  Hao Zhang - Recent progress in clinical visible-light OCT
15:03  Yali Jia - Wide-field & high-resolution OCTA in retinal diseases
15:10  Siyu Chen - Ultrahigh speed SS-OCT and OCTA for retinal and anterior eye imaging
15:17  Discussion

MACULOPATHIES: THE BAD CASES, THE RIGHT APPROACH
Chair: Paolo Lanzetta
Moderators: Anat Loewenstein, Ursula Schmidt-Erfurth
15:27  Paolo Lanzetta - Subfoveal hemorrhage during wet age-related macular degeneration
15:34  Jay Chhablani - Macular telangiectasia type 1
15:41  Yves Salomon Cohen - Florid diabetic retinopathy and macular edema
15:48  Ramin Tadayoni - Optic disc pit maculopathy
15:55  Nadia Waheed - Management of high risk eyes against conversion to exudative age-related macular degeneration
16:02  Daniele Veritti - Retinitis pigmentosa-associated cystoid macular edema
16:09  Discussion

16:20 COFFEE BREAK

SYMPOSIUM:
UNLOCKING THE POTENTIAL FOR Q16 DOSING FOR YOUR PATIENTS: FLEXIBILITY, LONG-TERM EFFICACY, AND SAFETY OF AFLIBERCEPT
Moderators: Francesco Bandello, Francesco Faraldi
15:30  Francesco Bandello, Francesco Faraldi - Introductions and welcome
15:33  Lisa Toto - Durability that works: Proactive, extended dosing in wAMD
15:41  Q&A - Francesco Bandello, Francesco Faraldi, Lisa Toto
15:45  Elisabetta Pilotto - Fluid in nAMD: A pragmatic approach
15:54  Q&A - Francesco Bandello, Francesco Faraldi, Elisabetta Pilotto
15:58  Sebastian Waldstein - What is on the horizon for ophthalmology?
16:07  Q&A - Francesco Bandello, Francesco Faraldi, Sebastian Waldstein
16:11  Francesco Bandello, Francesco Faraldi - Summary and closepigmentosa-associated cystoid macular edema
16:04  Discussion
### Preliminary Program 1.0 July 31st, 2021 - FRIDAY

#### FLO Retina Hall

**16:20 - 17:15 BREAK SYMPOSIUM**

**BREAK SYMPOSIUM**

**EXPERT IN CONVERSATION:**

**THE JOURNEY OF VEGF**

**Moderators:** Stanislaw Rizzo, Francesco Bandello, Giovanni Staurenghi

**16:25**  
Stela Vujosevic, Paolo Lanzetta  
Advancing our understanding of the angioproietin pathway  
*Pro vs cons on why targeting two signaling pathways for the treatment of DME and nAMD?*

**16:40**  
Francesco Viola, Giuseppe Querques  
Transforming long-term vision: innovations in technology  
*Pro vs cons on anti-VEGF continuous delivery in nAMD*

**17:00**  
END OF THE SYMPOSIUM

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**CONTROVERSIES AND CHALLENGES IN RETINA: DEBATES OF THE YEAR**

**Chair:** Quan Dong Nguyen  
**The Debaters:**  
Diana V. Do, Judy E. Kim, Darius M. Moshfeghi, Quan Dong Nguyen, Yasir J. Sepah

**THE QUESTIONS:**

17:15  
Should Anti-VEGF Therapy Be First-Line Treatment for NPDR?  
*Televote*

17:22  
*Televote*

17:25  
Should All Fluids Be Eliminated in the Management of Neovascular AMD?  
*Televote*

17:32  
*Televote*

17:35  
Is OCTA Helpful and Necessary for the Busy Retina Specialists?  
*Televote*

17:42  
*Televote*

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**SYMPOSIUM Apellis**

**RECENT ADVANCES AND KEY LEARNINGS IN GEOGRAPHIC ATROPHY**

**Panel:** Giovanni Staurenghi, Adnan Tufail, Srinivas Sadda

17:30  
Giovanni Staurenghi - Introduction

17:32  
Adnan Tufail - Understanding GA and the role of complement

17:44  
Panel discussion

17:49  
Srinivas Sadda - Key learnings from previous trials in GA

18:01  
Panel discussion
### THE EYE AS A WINDOW TO SYSTEMIC DISEASES

**Chair:** Sandrine Zweifel

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>17:45</td>
<td>Mario Damiano Toro</td>
<td>Microvascular impairment in systemic sclerosis</td>
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<tr>
<td>17:52</td>
<td>Maria Cristina Savastano</td>
<td>Are eyes the window to COVID-19?</td>
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<tr>
<td>17:59</td>
<td>Sandrine Zweifel</td>
<td>At the pulse of time: machine vision in retinal videos</td>
</tr>
<tr>
<td>18:06</td>
<td>Tien Y Wong</td>
<td>Assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre</td>
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<td>18:13</td>
<td>Pearse Keane, Srini Vas Sadda</td>
<td>Alzheimer’s Disease, Dementia and the Eye/Retinal imaging in Alzheimer’s and neurodegenerative diseases</td>
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<td>18:20</td>
<td>Alessandro Invernizzi</td>
<td>Ocular manifestations of infectious diseases</td>
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<td>18:27</td>
<td>Discussion</td>
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</table>

18:37 **END OF THE SESSIONS**

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### FLORetina Hall

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<thead>
<tr>
<th>Time</th>
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<th>Topic</th>
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<tbody>
<tr>
<td>18:06</td>
<td>Giovanni Staurenghi</td>
<td>Recent advances in GA clinical trials</td>
</tr>
<tr>
<td>18:18</td>
<td>Panel discussion and Q&amp;A</td>
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<tr>
<td>18:23</td>
<td>Giovanni Staurenghi</td>
<td>Summary and close</td>
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</tbody>
</table>

18:25 **END OF THE SESSIONS**
**Preliminary Program 1.0 July 31st, 2021 - SATURDAY**

### RETINAL IMAGING IN DIABETIC MACULAR EDEMA AND DIABETIC RETINOPATHY

**Chairs:** Francesco Bandello, Giuseppe Querques

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Anat Loewenstein</td>
<td>Baseline imaging biomarkers in diabetic macular edema</td>
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<tr>
<td>8:07</td>
<td>Francesco Bandello</td>
<td>Long-term visual outcomes in DME patients treated with anti-VEGF</td>
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<tr>
<td>8:14</td>
<td>Ramin Tadayoni</td>
<td>The role of OCTA in diabetic retinopathy and diabetic macular edema</td>
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<tr>
<td>8:21</td>
<td>SriniVas Sadda</td>
<td>The importance of a widefield assessment in diabetic retinopathy</td>
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<td>8:28</td>
<td>Ursula Schmidt-Erfurth</td>
<td>Deep learning to quantify diabetic macular edema</td>
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<tr>
<td>8:35</td>
<td>Stela Vujosevic</td>
<td>Fundus autofluorescence has a role in diabetic retinopathy and diabetic macular edema</td>
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<td>8:42</td>
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<td>Discussion</td>
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### ALTERED CHOROID-ASSOCIATED MACULAR DISEASES

**Chair:** José Maria Ruiz Moreno

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<thead>
<tr>
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<tbody>
<tr>
<td>8:52</td>
<td>Suzanne Yzer</td>
<td>Image subfoveal staphylomas complicated by subretinal fluid by OCTA</td>
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<tr>
<td>8:59</td>
<td>Francine Behar-Cohen</td>
<td>Hyperpermeability in CSCR-correlation with OCT findings</td>
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<td>9:06</td>
<td>Jay Chhablani</td>
<td>OCTA in Central Serous Chorioretinopathy</td>
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<td>9:13</td>
<td>Rufino Silva</td>
<td>Polypoidal Choroidal Vasculopathy and OCTA</td>
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<td>9:20</td>
<td>José M. Ruiz-Moreno</td>
<td>Myopic maculopathy: poor prognostic findings in OCT and OCTA</td>
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<td>9:27</td>
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<td>Discussion</td>
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### UP DATE ON NEW TREATMENTS

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<thead>
<tr>
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<tbody>
<tr>
<td>9:34</td>
<td>Caroline Baumal</td>
<td>Dry AMD</td>
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<td>9:40</td>
<td>Angelo Maria Minnella</td>
<td>Exudative AMD</td>
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<tr>
<td>9:46</td>
<td>Amani Fawzi</td>
<td>Macular Vascular Diseases</td>
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### VISIONS OF FUTURE BY INDUSTRY AND ENGINEERS

<table>
<thead>
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<td>9:52</td>
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<td>OPTOPOL</td>
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<td>9:59</td>
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<td>OPTOPOL</td>
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### FREE PAPERS

9:00  Mojtaba Abrishami, Kiana Hassanpour, Seyyedeh Maryam Hosseini - Peripapillary Nerve Fiber Layer Thickness and Optic Nerve Head Parameters in Patients Recovered from COVID-19: A Longitudinal Study

9:05  Mojtaba Abrishami, Kiana Hassanpour, Seyyedeh Maryam Hosseini - Macular Vessel Density Reduction in Patients Recovered from COVID-19: A Longitudinal Optical Coherence Tomography Angiography Study

9:10  Thomas Theelen, Timo Mulders, Patty Dhooge, Carel B. Hoyn - Automated Photoreceptor Counting on Retinal High Magnification Images in Healthy and Pathological Conditions


Preliminary Program 1.0 July 31st, 2021 - SATURDAY

10:06  ZEISS
10:13  ZEISS
10:20  Daniele Mantovano - Establishing the next level of eye care
10:27  Riccardo Ferraris de Gaspare - Symbiosis between Technology and Society

10:34  COFFEE BREAK

WIDE FIELD OCTA : VALUE AND LIMITATIONS IN DETECTING CAPILLARY NON-PERFUSION
Chair: Alain Gaudric
11:09  Nadia Waheed - Progress and limitations in measuring capillary density with WF OCTA: what can we expect in a near future?
11:16  Marion Munk - Repeatability of Wide-field Optical Coherence Tomography Angiography in Normal Retina
11:23  Edoardo Midena - Wide field multimodal imaging in retinal disorders
11:30  Lucas De Pretto - Controlling for Artifacts in Widefield Optical Coherence Tomography Angiography Measurements of Non-Perfusion Area
11:37  Francesco Pichi - Wide-field optical coherence tomography angiography for the detection of proliferative diabetic retinopathy
11:44  Marco Pellegrini, Giovanni Staurenghi - Comparison of wide field OCTA with extended field imaging and fluorescein angiography
11:51  Aude Couturier - Comparison of vascular density loss in the midperiphery and macula in WF OCTA to assess the severity of diabetic retinopathy
11:58  Discussion
12:05  Giuseppe Querques - Ultra-Widefield imaging in everyday clinical practice

LIVE SURGERIES


9:30  Elias Khalili Pour, Mohammad Zarei, Tahereh Mahmoudi, Hamid Riazi-Esfahani, Behnam Mousavi, Nazanin Ebrahimiadib, Mehdi Yaseri, Hossein Arabalibeik - Automated measurement of iris surface smoothness using anterior segment optical coherence tomography

9:35  Ioannis Theocharis, Nikos Lagaros - Model analysis of the posterior pole mechanics simulating ocular movements

9:40  Zeinab Elsanabary - Value of En-Face Reflectance Images & structural OCT scans in the Interpretation of OCTA

9:45  Zeinab Elsanabary - OCTA versus FA for Evaluating the Retinal and Choroidal Microvascular Changes in Sarcoid and Tuberculous Posterior Uveitis

9:50  Nihal Adel Hassan, Dina Osama - OCT angiogram using swept source Optical Coherence Tomography in patients of systemic lupus erythematosus

9:55  Maria Vittoria Cicinelli, Alessandro Rabiolo, Giovanni Montesano, Alessandro Marchese, Costanza Barresi, Ugo Introini, Maurizio Battaglia Parodi, Francesco Bandello - Prognostic implications of repair tissue proliferation in eyes with retinal pigment epithelium tears

10:00  Gilda Cennamo, Daniela Montorio - Octa findings in amytrophic lateral sclerosis
<table>
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<tr>
<td>12:12</td>
<td>Ursula Schmidt-Erfurth - Managing AMD using Artificial Intelligence tools</td>
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<td>12:19</td>
<td>Hrvoje Bogunovic - Genetic Algorithm and Artificial Intelligence: Disease activity and prediction of progression</td>
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<td>12:26</td>
<td>Anat Loewenstein - Fluid monitoring at home</td>
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<tr>
<td>12:33</td>
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<tr>
<td>12:40</td>
<td>Barbara Blodi - Humans versus Artificial Intelligence: pros and cons</td>
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<tr>
<td>12:47</td>
<td>David Huang - OCTA and Artificial Intelligence</td>
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<tr>
<td>12:54</td>
<td>Discussion</td>
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<tr>
<td>13:04</td>
<td>Domenico Lepore - Introduction to Darius M. Mosfeghi</td>
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<tr>
<td>13:08</td>
<td>Darius M. Mosfeghi - Initial Results from the Longitudinal Retinopathy of Prematurity (LONG-ROP). Study of telemedicine comparison to investigator recall of patient findings</td>
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<td>13:30</td>
<td>13:30-14:30 LUNCH SYMPOSIUM</td>
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<td>RETINAWWS</td>
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