



Programme and Abstract Book

Belfast Eye Conference

2nd and 3rd July 2022

Hosted virtually by
Queen's University of Belfast

<https://www.qub.ac.uk/sites/belfasteyeconference/>



**QUEEN'S
UNIVERSITY
BELFAST**

Foreword

Welcome to the Belfast Eye Conference! Thank you for registering, and to those who submitted abstracts. We have an exciting, informative and broad programme, with speakers talking about subjects of which they have in depth and first hand experience.

Some topics may be revision for you, some may be new learning, and some may offer inspiration, revealing fascinating avenues you may pursue in your careers to come.

Please visit the posters – this is important! Like the talks, the posters cover a wide range of topics. Please take a minute to comment, to share the impact their poster had on your understanding, or the ideas it gave you, or perhaps just to say you liked it!

Here is the link to the poster hall: <https://app.medall.org/events/belfast-eye-conference-2021/posters?code=016669>

Also ensure you are there for Sunday afternoon, when we have talks from delegates, your peers, on a variety of topics we're greatly looking forwards to hearing about.

Please engage with each other and us! Post questions and comments during, before and after talks, and connect with each other. Although its really great to see people face to face, virtual meetings like the BEC 2022 maximise access, but the MedAll platform is terrific, as it allows for a lot of interaction!

The talks are not recorded – speakers are not expected to share their slides, for various reasons.

We are pleased to have two very short talks from the Medical Protection Society.

Finally, before, during and after the conference, please get your phones out and – Tweet!

#BelfastEyeCon22

Enjoy the conference,

Best wishes,

Philip McCullough, Medical Student, QUB

Helen Breen, ST Ophthalmology, Northern Ireland

Nicola Parker, ST Ophthalmology, Northern Ireland

Michael Williams, Consultant Ophthalmologist, Belfast

Email: belfasteyeconference@qub.ac.uk

Online: <https://www.qub.ac.uk/sites/belfasteyeconference/>

How to access BEC22

We are using MedAll, an open access online conference software to run BEC.

If you have registered for the conference, MedAll will email you the link to the conference 24 hours prior. They will also send a reminder email 1 hour before kickoff.

You can also access the conference by clicking the link below:

<https://share.medall.org/events/belfast-eye-conference-2021>

Belfast Eye Conference Timetable 2022 2nd and 3rd July (Sat and Sun)

Saturday 2 nd July	Sunday 3 rd July
<p>8.30 – 9.30 Log-on, make coffee and view posters</p> <p>9.30 – 9.40 Welcome.</p> <p>Dr Williams, Reader, QUB and Hon. Consultant BHSC UG & FY Lead, Royal College of Ophthalmologists</p> <p>9.40-10.30 Imaging the Eye. Dr Williams</p> <p>10.30-11.00 An Introduction to Diabetic Eye Disease. Prof Virgili, Clinical Professor of Ophthalmology, QUB, Hon. Consultant Ophthalmologist BHSC, Co-ordinating Editor in Cochrane Eyes and Vision Group</p>	<p>8.30-9.00 Log-on, make a cup of tea this time, and go back to browse the posters</p> <p>9.00-9.10 Introduction Dr Williams</p> <p>9.10-9.40 Remote retinal evaluation in underdeveloped countries. Prof Peto, Clinical Professor of Ophthalmology, QUB, Hon. Consultant Ophthalmologist BHSC</p> <p>9.40-10.10 Predicting responses to anti-VEGF therapy in people with DMO using induced Pluripotent Stem Cells Prof Lois, Clinical Professor of Ophthalmology, QUB, Hon. Consultant Ophthalmologist BHSC</p> <p>10.10-10.40 Investigation of the retinal neurovascular unit by 3D electron microscopy Prof Curtis, Deputy Director of Wellcome-Wolfson Institute for Experimental Medicine, Professor of Vascular Physiology, QUB</p> <p>10.40-11.10 Translational ophthalmology from a bench researchers perspective Dr Lengyel, Reader, Wellcome-Wolfson Institute for Experimental Medicine, QUB</p>
<p>Break 11.00-11.30 Please have a look at the e-Poster gallery whilst you enjoy your coffee break</p>	<p>Break 11.10-11.30 A chance to get some fresh air!</p>
<p>11.30 -12.00 All About Cataract Surgery. Mr Stewart (+pre-recording), Post-CCT Ophthalmologist and Research Fellow</p> <p>12.00-12.30 Glaucoma: What's It All About? Ms Napier, Consultant Ophthalmologist BHSC</p> <p>12.30-13.00 The World of Corneal Transplantation. Ms Patel, Consultant Ophthalmologist BHSC</p>	<p>11.30-12.00 The Multidisciplinary team: The role of the Optometrist Prof Jackson, Professor of Optometry, UU, Clinical Research Network Lead for Northern Ireland</p> <p>12.00-12.15 A Wonderful Week in life of an Ophthalmic Specialist Trainee (OST) Dr Helen Breen, ST3 Ophthalmology, BHSC</p> <p>12.15-12.30 Angel Eyes - Our Mission. Sarah McCracken, Founder and CEO, Angel Eyes NI www.angeleyesni.org</p>
<p>Lunch and Posters 13.00-14.30 Have a break, then - pick your favourite poster!</p>	<p>Lunch and Posters 12.30-13.30 Grab something to eat, then post comments the Poster Hall</p>

<p>14.30-15.00 Paediatric Ophthalmology Ms McNally, Consultant Ophthalmologist BHSC ?</p> <p>15.00-15.30 What You Need to Know About Ocular Trauma Dr Nicola Parker, ST4 Ophthalmology, BHSC</p>	<p>Delegate research presentations: 8 mins + 2 mins questions</p> <p>13:30-13:40 Accelerated Corneal Collagen Cross-linking Treatment Modalities 18 mW/cm² (5- min) versus 9mW/cm² (10-min) in Patients with Progressive Keratoconus: Systematic Review and Meta-Analysis Abdulmalik Alsaif</p> <p>13:40-13:50 Analysis of Anisometropia and Amblyopia in the Republic of Ireland Aoife O'Donnell</p> <p>13:50-14:00 Impact of the COVID-19 Pandemic on Referrals for Proliferative Diabetic Retinopathy Hui Yun Ng</p> <p>14:00-14:10 Has increased hygiene during the COVID-19 pandemic reduced the prevalence of ocular infections? James Askew</p> <p>14:10-14:20 Ocular Follicular Lymphoma: A Rare Manifestation of a Rare Lymphoma Miriam Matthews</p>
<p>Break 15.30-15.45 Just a short break this time.</p>	<p>Break 14.20-14.40 A final chance to read others' comments on posters.</p>
<p>15.45-16.15 Images of Oculoplastics. Mr White, Consultant Ophthalmologist BHSC</p> <p>16.15-16.45 Close Dr Williams</p>	<p>14:40-14:50 Muller's Muscle Conjunctival Resection versus external Levator Advancement for Ptosis Repair: Systematic Review and Meta-Analysis Mohammad Karam</p> <p>14:50-15:00 Gene therapy-mediated modulation of angiotensin signalling rescues blood flow changes in the diabetic mouse retina Peter Barabas</p> <p>15:00-15:10 Immediately sequential, bilateral cataract surgery (ISBCS): A single-site experience of 41 patients during SARS-COVID-2 pandemic Timothy Patterson</p> <p>15:10-15:20 Loss of Cone Outer-segments and Thickening of Photoreceptor Layers in Multiple Sclerosis: The Belfast Eye and Multiple Sclerosis Study Gemma McIlwaine</p> <p>15:20-15:30 Under-Registration of Visual Impairment in Glaucoma Patients: Why Aren't We Doing Enough? Omar Mostafa</p> <p>15:30 Thanks and conclusion Dr Williams</p>