



Welcome

Dear friends,

We are delighted to welcome you to Newcastle for the 9th BriSCEV National meeting. The Baltic Centre for Contemporary Art is a landmark industrial building, which was originally the Baltic Flour Mills Grain House. This major international centre provides an opportunity to experience innovative and provocative new art, relax, have fun, learn and discover fresh ideas.

During BriSCEV you will have the opportunity to see all of the Newcastle and Gateshead famous bridges which constitute the most iconic view of the city. The three most famous have led the way for designs around the world. The Tyne Bridge is the best known, built in 1925-28. Upstream the Swing Bridge stands on the line of the original Roman Bridge. The High Level Bridge was designed by Robert Stephenson and was the world's first road and railway bridge; the railway being carried above and the road below. The latest is Gateshead Millennium Bridge, the first opening bridge to be built across the River Tyne for more than 100 years.

Today's visitor will find Newcastle brimming with attractions old and new with Newcastle and Gateshead quays transformed with stylish bars, fine restaurants, world-class hotels and stunning visitor attractions.

Sponsors

We would like to thank all our sponsors for their generous support. Please take time to meet them during the exhibition and whenever you have a spare moment. Their contributions help to keep the cost of your meeting down.

Diagnosys UK Ltd



Diagnosys LLC has a strong reputation for producing high-quality visual electrophysiology systems that are being used in some of the world's leading eye research institutes. This research includes early detection of glaucoma, evaluation of vitamin implant, transplant and translocation

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Roland Consult



Roland Consult has more than 15 years' experience in the field of electrophysiology diagnostics.

Our products are RETI-port/scan for VEP, ERG, EOG, multifocal ERG, multifocal VEP, DARK-daptometer and the new Scanning Laser Ophthalmoscope for the fundus controlled ERG/VEP tests – advanced technology for ophthalmology.

Roland Consult products are in use around the world in private practices, eye hospitals, research centres and universities.

We cooperate with leading distribution companies to provide support for customers, products and applications.

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UniMed Electrode Supplies Ltd and Kallista Medical Limited

UniMed Electrode Supplies are specialist suppliers of electrodes and gels for neurophysiologists, at highly competitive prices.

For electroretinography (ERG), our range includes DTL thread, Gold Foil and ERG-JET electrodes.

A range of Autoclavable silver/silver chloride EEG disc electrodes are available with a choice of cable lengths, together with two types of disposable (single use) EEG cup electrodes. For intra-operative monitoring (IOM) use we stock corkscrew and subdermal needle electrodes and pastes and gels include Ten20 and Elefix conductive paste plus NuPrep and skinPure for skin preparation.

Please visit our display at this meeting to pick up a catalogue or download at www.unimed-electrodes.co.uk

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Kelvin Vision



The Kelvin Vision brand, established by SHIL, is dedicated to ophthalmology products.

SHIL works in partnership with NHS Scotland to protect, develop and commercialise new innovations that come from healthcare professionals. By developing these ideas, SHIL creates new products and technologies that will improve patient care and generate income for NHS Scotland.

The Multifocal Imager 3^{GEN}™ which meets and exceeds all the ISCEV standards for Multifocal Electroretinography will soon be followed by the LED stimulator which will facilitate the standardisation of mfERG stimulus and for the first time allow retinal investigation in the temporal domain.

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Programme

Sunday 12th June

'Early Arrivals'

Evening meal at local restaurant

Zizzi

www.zizzi.co.uk/restaurants/newcastle

7 pm for 7:30pm

Our restaurant is located on Grey Street, in the heart of Newcastle city centre. This puts you in easy reach of hotels, bars and entertainment. The Theatre Royal is just a 2 minute walk from the restaurant, and you can explore the new Quayside Bars close by. The restaurant itself has a warm, rustic and relaxing feel - its our customers and staff who add the buzz! We cater for all types of occasion; larger groups can party downstairs in front of the open kitchen, while smaller groups of friends, couples and families have the option to relax up on the mezzanine level or by the window, watching the world go by. There is a really great atmosphere in our restaurant

Monday 13th June

BriSCEV Course

'Unexplained Visual Loss'

Assessing the visual pathway using Electrodiagnostic techniques including Multifocal ERG and Sweep VEP

09:10 - 09:50

'Unexplained visual loss in Adults'

Mr. P. G. Griffiths Consultant Neuro Ophthalmologist R.V.I.
Karen Bradshaw Medical Physics Visual Electrodiagnostics

09:50 - 10:05

Refreshments

10:05 - 10:40

'Unexplained Visual Loss in Paediatrics'

Mr. M. P. Clarke Clinical Director Ophthalmology R.V.I. Paediatric
Ophthalmologist

11:00 - 12:00

'The Sweep VEP'

Professor M. Bach

12:00 - 13:00

Lunch and Commercial Exhibition

12:40

Assemble at Gateshead Millennium Bridge for a surprising and exclusive photo opportunity

Monday 13th June
BriSCEV Conference
Session One
Scientific Programme

13:00 - 13:15

Welcome and introduction

Mr. M. P. Clarke Clinical Director Ophthalmology R.V.I.

13:15 - 14:00

'Mitochondrial optic neuropathies'

Guest Lecture:

Professor P. Chinnery

Director, Institute of Genetic Medicine, Newcastle University
Consultant Neurologist

Oral Presentations

14:00 - 14:30

'Monitoring For Drug Toxicity'

Guest Lecture:

Richard Smith FRCS FRCSOphth Consultant Ophthalmologist

14:30 - 14:45

TRANSLATING RESULTS FROM THE LIGHT-ADAPTED 3.0 FLICKER ERG TO DEFINE ACCURATELY VIGABATRIN ATTRIBUTED RETINAL TOXICITY IN INFANTS.

Carol Westall

14:45 - 15:00

Recording Haemodynamic Responses to Moving Sinusoidal Gratings Using fNIRS

Uma Shahani

15:00 - 16:00

**Poster parade
&
Afternoon Tea and Commercial Exhibition**

16:00 – 16:45

‘Illusions Beyond Electrophysiology’

"While dealing professionally with pathological vagaries of the visual system, let's not forget the joy and fascination it brings into our lives. Clandestinely, our visual system continuously "invents" an inner world view based on incomplete information. Rare occasional missteps can reveal these inner mechanisms."

Guest Lecture:

Professor M. Bach

16:55 – 17:55

BriSCEV Business Meeting

Agenda

1. Opening by the Chairman
2. Minutes of the 2010 meeting held in Belfast
3. Report of the Chairman
4. Report of the Secretary
5. Report of the Treasurer
6. Report of the Education Officer
7. Elections
8. Future meetings

Evening Function

Baltic Riverside

Reception and Gala Dinner

**Including Live Music
Performed by**

'Stringbag'

7 pm for 7:30 pm

Till Late

Tuesday 14th June

BriSCEV Conference

Session Two

Scientific Programme

09:10 – 9:15

Introduction

David Keating

09:15 – 10:00

‘Local experiences from the retinal genetics clinics’

‘Featuring Local Late onset retinal dystrophies’

Guest Lecture:

Mr. Andrew Browning Consultant Ophthalmologist

10:00 – 10:45

Clinical Case Presentations

10:45 – 11:30

Refreshments and Exhibition

Oral Presentations

11:30 – 11:45

ARCTIC REINDEER EXTEND THEIR VISUAL SENSITIVITY INTO THE ULTRAVIOLET

Chris Hogg

11:45 – 12:00

SEASONAL VARIATIONS IN THE VISUAL SENSITIVITY OF ARCTIC REINDEER'

Magella Neveu

12:00 – 12:15

SIMULTANEOUS CHROMATIC AND LUMINANCE HUMAN ERG RESPONSES USING A TEMPORAL COMPOUND STIMULUS

Neil Parry

12:15 – 12:30

THE IMPORTANCE OF SKILLED AND EXPERIENCED TESTERS IN THE ELECTRODIAGNOSTIC ASSESSMENT OF PATIENTS, PRESENTING WITH 'MEDICALLY UNEXPLAINED VISUAL LOSS'

Karen Bradshaw

12:30 – 13:30

Lunch and Commercial Exhibition

Tuesday 14th June
BriSCEV Conference
Session Three
Scientific Programme
Oral Presentations

13:30 - 13:45

WHAT HAS THE MULTI-FOCAL DONE FOR US?

Karen Bradshaw

13:45 - 14:00

THE STEP VEP ACUITY TEST IN SUSPECTED FUNCTIONAL LOSS.

Ruth Hamilton

14:00 - 14:15

**PROGRESSION OF RETINAL PIGMENT EPITHELIAL ATROPHY IN
STARGARDT DISEASE**

Vikki McBain

14:15 - 14:30

**CLINICAL TESTS OF INNER RETINAL STRUCTURE AND FUNCTION:
A COMPARISON OF THICKNESS, BIREFRINGENCE AND PATTERN
ERGS**

Daphne L McCulloch

14:30 - 14:45

**IMPROVEMENTS IN MULTIFOCAL ELECTRORETINOGRAM AND
MICROPERIMETRY RESPONSES IN NEOVASCULAR AGE-RELATED
MACULAR DEGENERATION PATIENTS TREATED WITH
RANIBIZUMAB FOR 12 MONTHS.**

Laura Milner

14:45 - 15:00

ACUTE QUININE TOXICITY, A CASE REPORT

Vasileios Papastavrou

15:00 - 15:15

TRAVELLING EYES PROJECT UPDATE

Ruth Hamilton

15:15 - 15:30

CLOSING REMARKS

Karen Bradshaw

Conference ends