Nottingham Molecular Pathology Node
supported by AidPath

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Image Analysis
Training School 2017

21st & 22nd September: Park Plaza Hotel, Nottingham City Centre

Overview

Digital pathology aided by robust image analysis techniques has made great inroads in both diagnostics and research in histopathology. The implementation of whole slide scanning and advances in software and computer processing capacity has profoundly impacted not only routine clinical diagnosis but also molecular testing including bio-banking, molecular profiling and companion diagnostic development. The Nottingham Molecular Pathology Node (NMPN), supported by AidPath, will run the first residential training school in Image Analysis which will aim to:

- Provide a comprehensive overview of the current use of image analysis in pathology diagnosis and research including practical examples
- Address how potential problems in image analysis can be resolved
- How digital pathology can be integrated in the work-stream
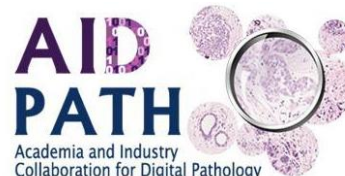
The course is suitable for Trainee and Consultant Pathologists with little or no experience of image analysis and for non-clinical scientists/computer experts (who may have some experience with digital platforms) wishing to learn more about the techniques and application of image analysis. Teaching will be delivered in the form of formal lectures and interactive work projects.

We will be applying for CPD points for this programme through the Royal College of Pathologists.

The University of Nottingham

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AID PATH
Academia and Industry
Collaboration for Digital Pathology

Programme

Digital pathology and image analysis

08:55	Introduction	M Ilyas: Nottingham University, UK
09:00	Basics of digital imaging and challenges	V.Della Mea: University of Udine, Italy
09:45	From 2D to 3D: Principles of Stereology	A Rasmusson: VUHSK, Vilnius, Lithuania
10:30	Case study: Ki67	A Laurinavicius: VUHSK, Vilnius, Lithuania
11.00	Tea & coffee	
11:30	Segmenting epithelium in H&E stained sections.	N Rajpoot: University of Warwick, UK
12:15	Spatial Reasoning for Histological Imaging	G Landini: University of Birmingham
13:00	Lunch	
14:00	Assessing Multiple biomarkers using Histogenic Molecular Mapping	A Pitiot: Illixa and TG
14:45	Managing Tissue Microarrays	Dr Fernández Carrobles (Skype)
15:30	Tea / Coffee	
16:00	Image analysis: practical session Industrial presentations Delegate work projects	D.Pilutti, UNIUD and TG
18:00	Close	

Digital pathology and diagnostic service

09:00	Introduction to digital pathology (including digital slide workflow)	M.Ilyas: Nottingham University, UK
10:00	Scanner technology	Dr Marcial Garcia Rojo: SAS, Cádiz, ES
10:30	Tea & coffee	
11:00	Interoperability: Technical standards	D. De Mena Garcia: SAS, Sevilla, Spain
12:00	Challenges solved: Tools Developed	G. Bueno: VISILAB, Ciudad Real, Spain
13:00	Lunch	
14:00	Image quality: issues, techniques and assessment metrics	A.Jimenez: UCLM, Ciudad Real, Spain
15:00	Strategies and demands for digital pathology workflow integration	L.Pantanowitz: UPMC, Pittsburgh, USA
16:00	Tea & coffee	
16:30	Industrial presentation / practical session / delegate work projects	D.Pilutti, Philips
17:00	A European Digital Pathology Consortium?	M.Ilyas: Nottingham University, UK
17:05:	Close	

Registration & Fees

Standard delegate WITH accommodation at the Park Plaza Hotel Once nights accommodation on 21st September	£255
Standard delegate WITHOUT accommodation at the Park Plaza Hotel	£150
MDTS delegate WITH accommodation at the Park Plaza Only available to those attending the Molecular Diagnostics Training School from 18th – 20th September Accommodation will be provided for 20th & 21st September	£210
MDTS delegate WITHOUT accommodation at the Park Plaza Only available to those attending the Molecular Diagnostics Training School from 18th – 20th September	Free of charge

Click here to book via our online store

Booking terms and conditions:

- Cancellations must be received via email to MS-NMPN@nottingham.ac.uk by no later than 12.00pm on 9th September 2017.

- All refunds are subject to a £20 administration fee.

- Any cancellations received after 12.00pm on 9th September 2017 will not be refunded.

Get in touch

Web: www.NMPN.info

Email: MS-NMPN@nottingham.ac.uk