

UNIVERSITY OF
LINCOLN

Dr Amr Ahmed

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<http://amrahmed.blogs.lincoln.ac.uk/>

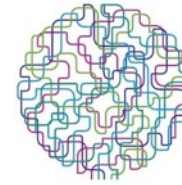


This presentation is for

Workshop 1 Big Data



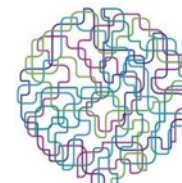
Description of the Organization



ICTURKEY
ISTANBUL 2016

- Brief about my organisation (**University of Lincoln**),
The School of Computer Science holds a broad range of expertise, with speciality in **computer vision**, **Video Analysis**, and **medical applications and robotics and autonomous systems**, of technology.
- Previous EU Project experiences etc.
The school **coordinate** and **participate** in a number of EU-funded projects, including the H2020. e.g.
 - ITN.
 - MSCA-RISE.
 - Other FP7 and H2020 projects.





Visual Contents Analysis

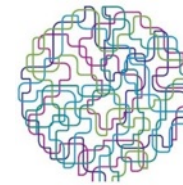
**Medical Image/
Video
& Healthcare**

*Multimedia
Video
Analysis*

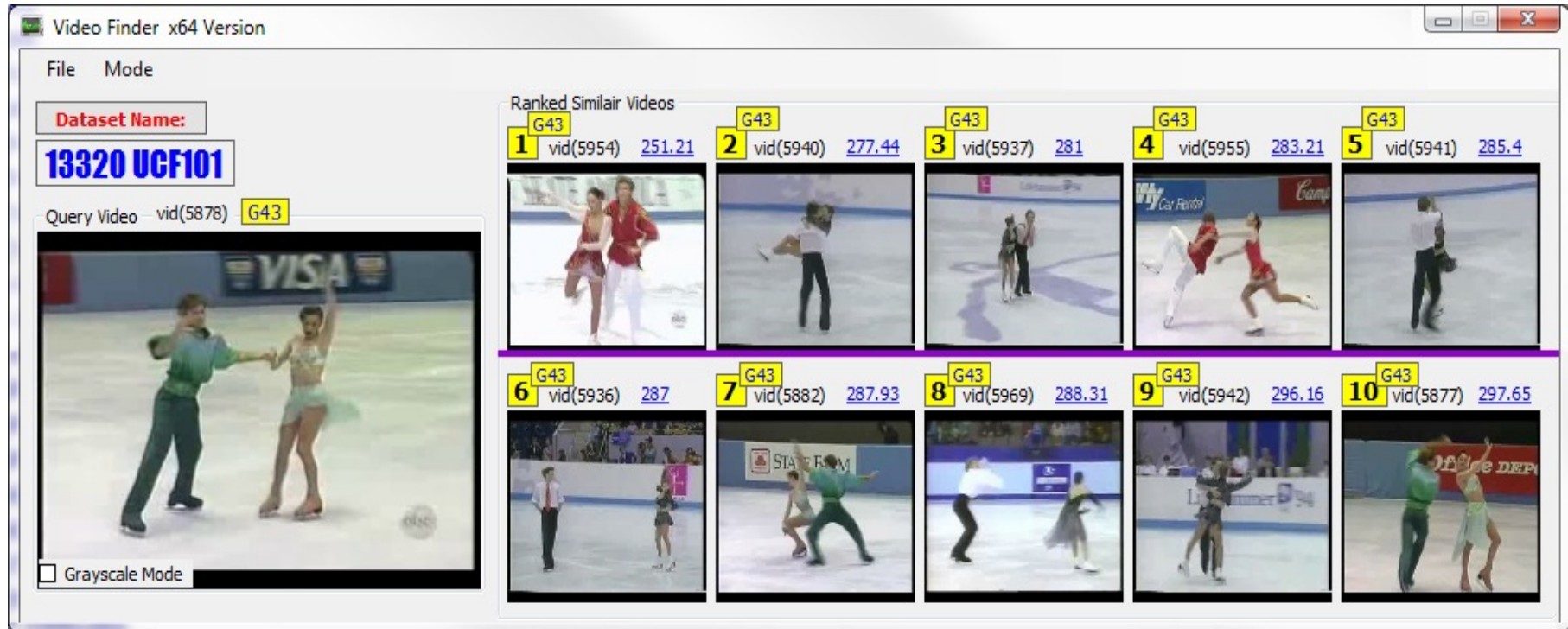
Image/Video Analysis
Computer Vision

Practical and Impact on Society

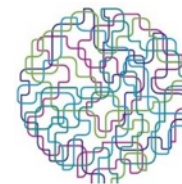
Description of your research interest



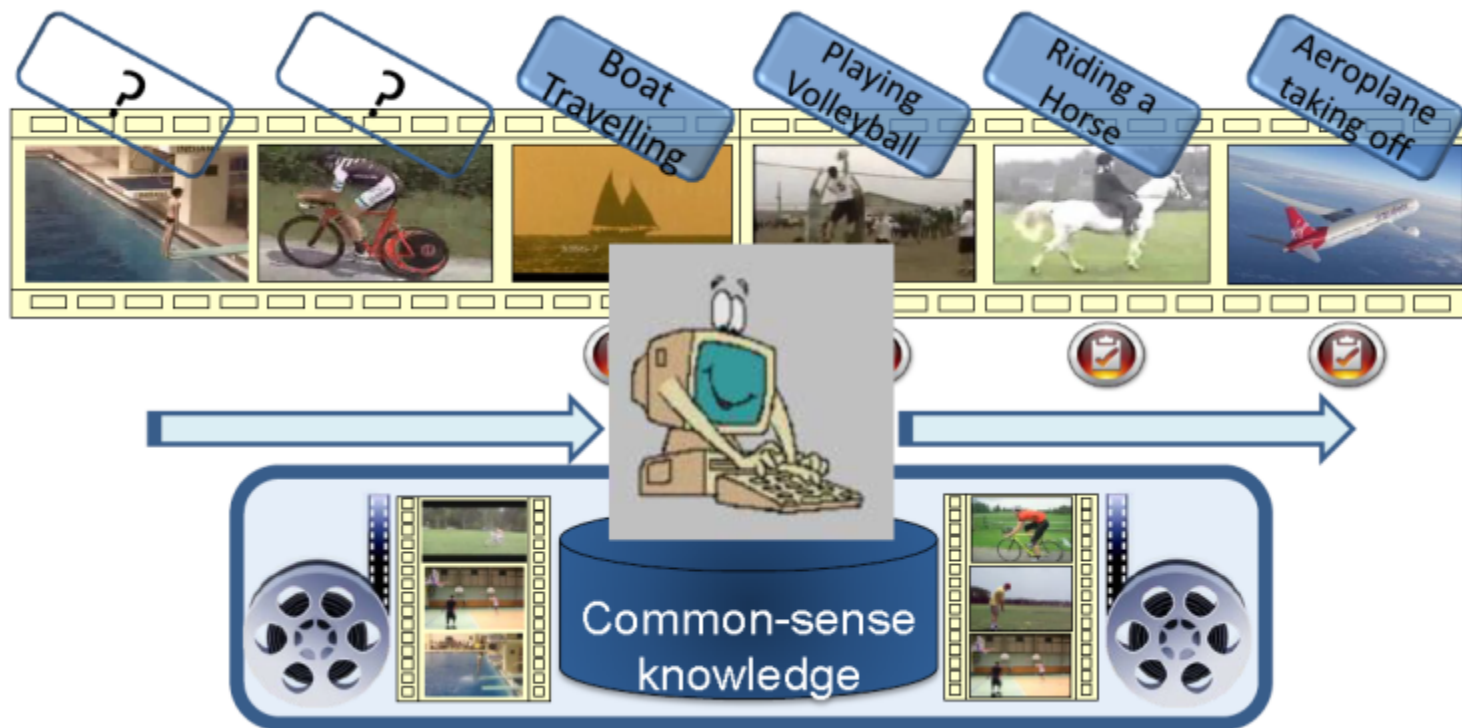
- Research team and activities
- 1) Video Similarity/Matching



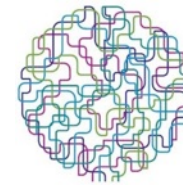
Description of your research interest



- Research team and activities
- 2) Video (Semantic) Annotation



Description of your research interest



• 3) Medical Applications

– Medical Imaging

- Computer Vision

- VR Training

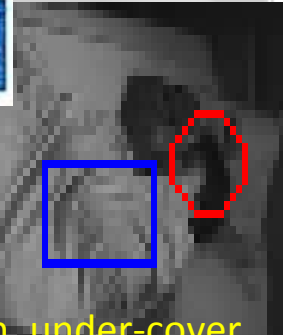
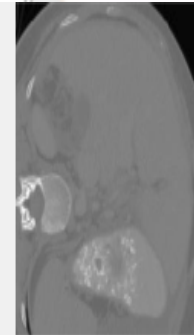
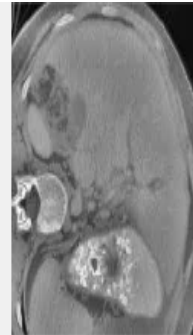
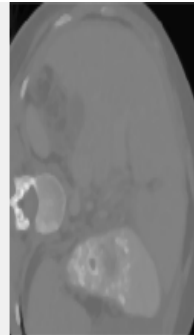
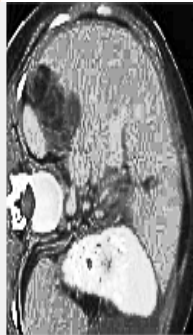
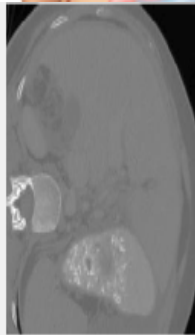
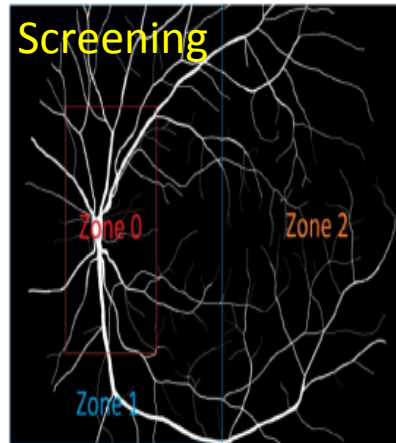
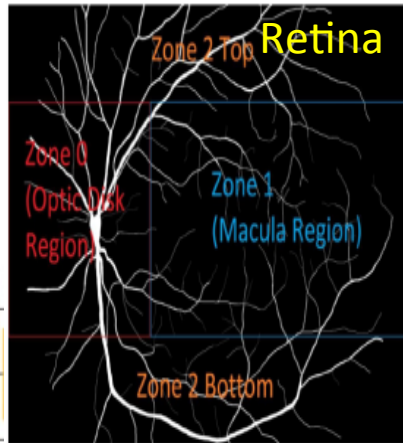
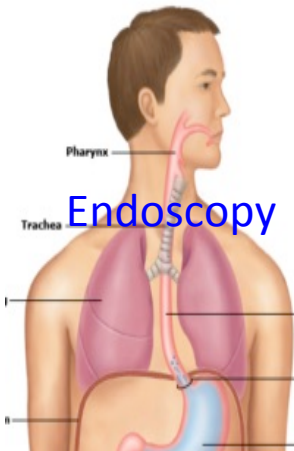
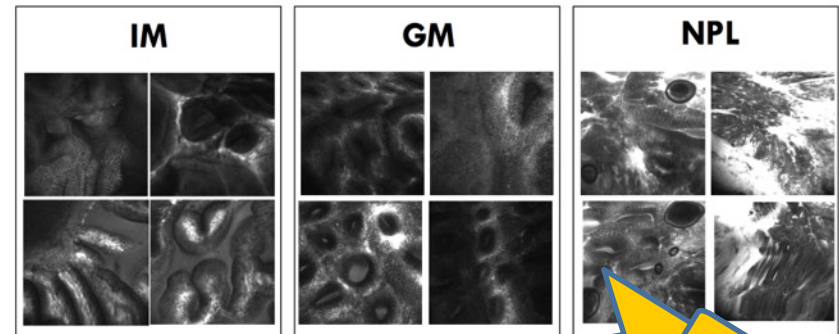


Image Enhancement

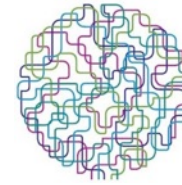
Description of your research interest



- **3) Medical Applications**
 - **Digital Pathology (In-vivo Barrett's Esophagus Histology)**



AIDA-E International Challenge AWARD
IEEE International Symposium on Biomedical Imaging'16



INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)

ICT-14-2016-2017

Big Data PPP: cross-sectorial and cross-lingual data integration and experimentation

Deadline: **26-April 2017**

ICT-20-2017: Tools for smart digital content in the creative industries

**Types of
action:**

RIA Research and Innovation action

DeadlineModel

single-stage

:

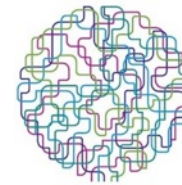
08 December 2016

Deadline:

25 April 2017

17:00:00

Opening date:



INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT)

[ICT-23-2017: Interfaces for accessibility](#)

Types of action: IA Innovation action, RIA Research and Innovation action

DeadlineModel single-stage

: 08 December 2016

Deadline: 25 April 2017

Opening date:

[ICT-39-2016-2017: International partnership building in low and middle income](#)

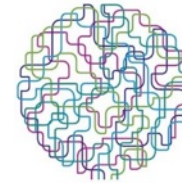
Types of action: IA Innovation action

DeadlineModel single-stage

: 08 December 2016

Deadline: 25 April 2017

Opening date:



MSCA – COFUND/Fellowships

[MSCA-COFUND-2017: Co-funding of regional, national and international programmes](#)

Types of action: MSCA-COFUND-DP Doctoral programmes, MSCA-COFUND-FP Fellowship programmes

DeadlineModel: single-stage

Opening date: 05 April 2017

Deadline: **28 September 2017**

[MSCA-RISE-2017: Research and Innovation Staff Exchange](#)

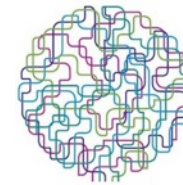
Types of action: MSCA-RISE RISE

DeadlineModel: single-stage

Opening date: 01 December 2016

Deadline: **05 April 2017**

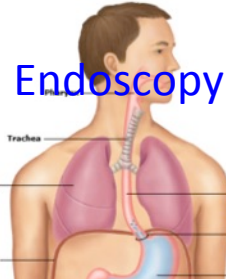
Consortium / Collaboration



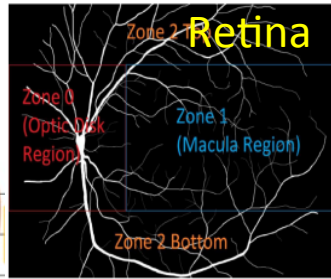
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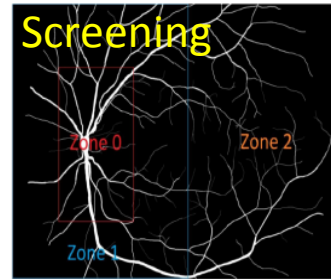
In-door Navigation



Endoscopy



Retina



Screening



VR Surgery Training

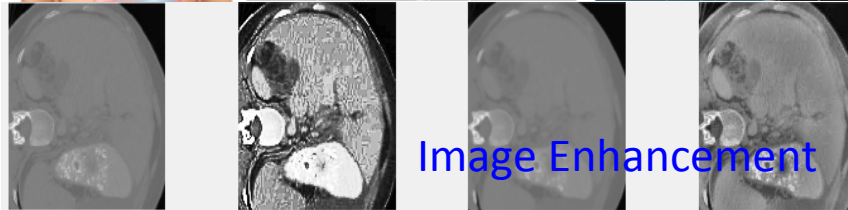
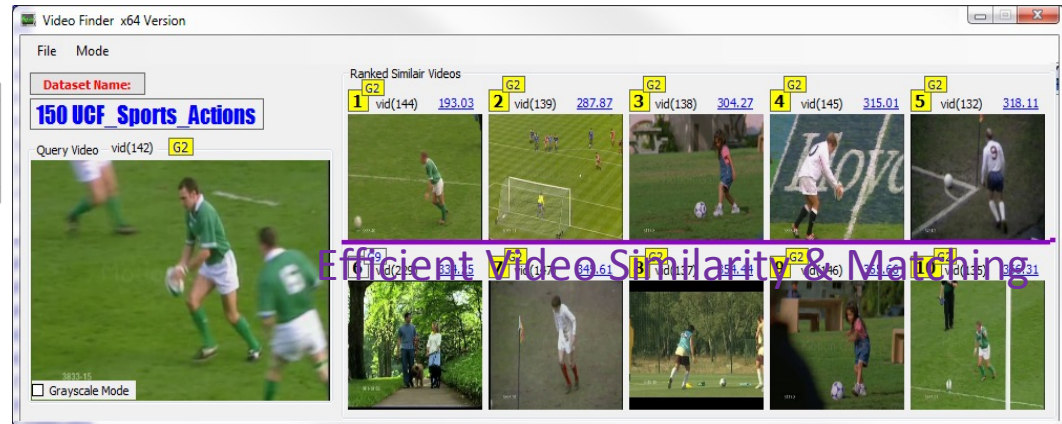


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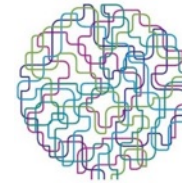


NHS

Night vision, under-cover



HAPPY TO COLLABORATE IN ANY OF THE ABOVE



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