ESU/ESUT/ESUI Hands-on Training Course in Prostate MRI reading for urologists
HOT 24

**Location:** Green Area, Room 9

**Chair:** V. Kasivisvanathan, London (GB)
**Tutors:** I.G. Schoots, Rotterdam (NL)
F. Giganti, London (GB)
E. Barret, Paris (FR)

**Aims and objectives of this session**

This course will provide interactive teaching from expert Faculty in prostate MRI reading and interpretation and help Urologists to understand the role MRI plays in the management of patients with prostate cancer and how to use the information generated by prostate MRI. The course will address how to use an imaging workstation, how to understand the basic concepts/principles behind different MRI sequences (T2-weighted imaging, DWI-imaging and DCE-imaging), in which order to view the different sequences when interpreting prostate MRI, how to use the PI-RADS and Likert scoring system to score MRIs, and finally to understand what are the standards for a prostate MRI and what quality criteria need to be fulfilled. The participants will do hands on reading and assessment of prostate MRI scans on their own laptops followed by a reference reading provided by expert radiologists and pathological verification.