

## WELCOME

### ESUR 2018 - Barcelona, September 13-16

Dear Colleagues,

On behalf of the European Society of Urogenital Radiology (ESUR), it is my great pleasure to invite you all to attend the upcoming **25th Annual Meeting of the ESUR**. The summit will be held in the lovely city of Barcelona, a cosmopolitan city with a valuable architectural and monumental heritage. The city enjoys a prime location with a warm climate and excellent transport links with the rest of Europe.

The local organising committee of the ESUR 2018 is proud to prepare a programme of outstanding scientific quality, dedicated to Male and Female pelvic cancer, but also with sessions dedicated to most recent developments and challenges in Urogenital Imaging as well as to education and training.

I cordially invite you to join us in one of the most significant scientific events in the field of urogenital imaging, to take the opportunity to meet colleagues and friends, make new contacts and exchange knowledge and ideas.

I am looking forward to seeing you in Barcelona in September 2018.

Carlos Nicolau  
ESUR 2018 Symposium Chairperson

## GENERAL INFORMATION

### Symposium Venue

Hotel Crowne Plaza Barcelona Fira Center  
Avinguda Rius i Taulet, 1  
08004 Barcelona

### Symposium Secretariat

office@esur2018.org

### Hotel Accommodation

The Organization of ESUR 2018 – European Society of Urogenital Radiology Symposium – has reserved an important number of rooms at the congress venue Hotel Crowne Plaza Barcelona Fira Center.  
Visit [www.esur2018.org](http://www.esur2018.org) to book your hotel for beneficial rates.

### Registration

Reduced symposium registration fees are offered for ESUR, SAR, ASAR, SEDIA members, African Societies members and members of Radiòlegs de Catalunya. Furthermore, doctors in training are eligible for special discounted fees.

Visit [www.esur2018.org](http://www.esur2018.org) for details and registration.



## THURSDAY, September 13

### 14:00-15:30 Members' Scientific Session

**14:00 Role of positron emission tomography computed tomography in screening metastasis of renal cell carcinoma**

A.H. Afifi, Jeddah/SA

**14:09 Stripped fetal vessel sign: MRI appearance of a novel pathological finding in patients with invasive placenta**

K. Zafeiropoulou, Athens/GR

**14:18 Epididymal more than testicular abnormalities are associated with the occurrence of antisperm antibodies as evaluated by the MAR test**

F. Lotti, Florence/IT

**14:27 When is midline prostatic cysts investigation of clinical value in the work-up of males of infertile couples?**

F. Lotti, Florence/IT

**14:36 Performance characteristics of the Prostate Imaging Reporting and Data System (PIRADS) and prostate Magnetic Resonance Imaging (MRI) prior to radical prostatectomy – Which prostate cancers are missed?**

J. Wallström, Gothenburg/SE

**14:45 The role of MRI in congenital malformation: Preliminary results of a multidisciplinary approach**

L. Russo, Rome/IT

**14:54 Uterine Artery Embolization - Assessment of treatment efficacy in uterine fibroids using pre- and post- procedural MRI, a single centre experience**

A.S. Moreira, Maia/PT

**15:03 Microwave Ablation of Renal Tumors**

A. Magnusson, Uppsala/SE

**15:12 Implementation of very low dose CT for confirmation of urinary stone presence**

D. Raskin, Tel Hashomer/IL

**15:21 What are the Indications for Prophylactic Embolization of Renal Angiomyolipomas, a review of the current evidence in the literature?**

T. Geoghegan, Dublin/IE

### 15:30-15:45 Current ESUR Issues

**Current ESUR Issues**

R. Oyen, Ghent/BE

### 15:45-16:30 How I do it

**15:45 Evaluation of the peritoneum**

S. Nougaret, Montpellier/FR

**16:00 Evaluation of the urethra**

P. Ramchandani, Philadelphia/US

**16:15 Dual energy-CT**

G. Tardáguila, Vigo/ES

### 16:30-17:00 COFFEE BREAK

### 17:00-18:00 The many faces of Urogenital Radiology

N. Grenier, Bordeaux/FR

A. Padhani, Northwood/UK

E. Sala, Cambridge/UK

A. Vargas, New York/US

### 18:00-19:30 ESUR General Assembly

(Members only)



## FRIDAY, September 14

### 09:00-10:30 Renal Cancer Imaging

*Moderator: N. Grenier, Bordeaux/FR*

#### 09:00 Diagnosis and management of type 2f renal cystic lesions

O. Helenon, Paris/FR

#### 09:20 Multiparametric MRI of small solid renal masses

tba

#### 09:40 Radiomics for further characterization using quantitative imaging

N. Grenier, Bordeaux/FR

#### 10:00 The Kidney Cancer Overdiagnosis Problem: How Radiologists Can Fix it

S. Silverman, Boston/US

#### 10:20 Discussion

### 09:00-10:30 Workshop: Standardized reporting of adnexal masses (clinical case session)

#### 09:00 Introduction to lexicon

I. Thomassin-Naggara, Paris/FR

#### 09:15 Cystic lesions

A. Guerra, Lisbon/PT

#### 09:35 Cystic Solid lesions

A. Rockall, London/UK

#### 09:55 Solid masses

E. Sadowski, New York/US

### 09:00-10:30 Workshop: Prostate cancer: The magnetised needle, where does it point to?

J. Richenberg, Brighton/UK

O. Rouviere, Lyon/FR

I. Schoots, Rotterdam/NL

### 10:30-11:00 COFFEE BREAK

### 11:00-12:30 Central Course Bladder cancer: Conventional Imaging (MR, CT) in MIBC mpMRI: Technical requirement, VI-RADS 1.0, Correct imaging interpretation after treatment

*Moderator: J. Yoshifumi Narumi, Osaka/JP*

#### 11:00 Unmet needs in bladder cancer imaging

A. Vargas, New York/US

#### 11:20 Conventional Imaging (MR, CT)

V.F. Muglia, Ribeirao Preto/BR

#### 11:40 mpMRI: Technical considerations

M. Takeuchi, Nagoya/JP

#### 12:00 VI-RADS 1.0: MRI Scoring for BCa

V. Panebianco, Rome/IT

#### 12:20 Discussion

### 11:00-12:00 Workshop: Imaging the pregnant patient

#### 11:00 Placental disorders

G. Masselli, Rome/IT

#### 11:20 Acute pain in the pregnant patient

M. Weston, Leeds/UK

#### 11:40 Cancer in the pregnant patient

C. Bourgioti, Athens/GR

### 12:00-12:30 Workshop: Endometriosis, a diagnostic challenge: From beginner to winner

A. Ertmer, Zurich/CH



### 11:00-12:30 Scientific Paper Session - Adrenal-Kidney-Excretory tract

**11:00 Characterization of Adrenal Lesions at Chemical Shift MRI: Comparison of 1.5T and 3T MRI**

I. Hekimsoy, Istanbul/TR

**11:09 Evaluation of adrenal masses using FIESTA (Gradient balanced echo imaging) MRI sequence**

G. Pekindil, Istanbul/TR

**11:18 Ureteral metastasis: An uncommon finding of metastatic disease in primary neoplasms. Literature review and our centre's case series report**

C. Zwanzger, Barcelona/ES

**11:27 Single system ectopic ureter (SSEU) in girls: A clinical and imaging challenge**

S. B. Grover, New Delhi/IN

**11:36 Discrimination of papillary renal cell carcinoma from benign proteinaceous cyst based on iodine and water content on rapid kV-switching dual-energy CT**

I. Camlidag, Samsun/TR

**11:45 CT-Guided Cryoablation of Small Renal Masses**

L. Aarup Duus, Odense/DK

**11:54 Renal function outcome after ablation or surgical resection of renal tumors - Evaluation using the split renal function**

V. Acosta Ruiz, Uppsala/SE

### Poster Snapshots

**12:03 Dynamic contrast enhancement MRI in differentiating benign and malignant suprarenal lesions ... It is of real value?**

A.H. Afifi, Jeddah/SA

**12:08 Unenhanced attenuation and histogram analysis in CT diagnosis of adrenal tumors**

P. Szasz, Olomouc/CZ

**12:13 Deep learning in classification of kidney transplant dysfunction: combined imaging and clinical biomarkers**

M.A. El-Ghar, Mansoura/EG

### 12:18 Discussion

### 12:30-13:30 Future is coming - Artificial Intelligence Guide to Radiogenomics

*Moderator: R. García Figueiras, Santiago de Compostela/ES*

**12:30 Artificial Intelligence**

L. Donoso, Barcelona/ES

**13:00 Guide to Radiogenomics**

A. Vargas, New York/US

### 12:30-13:30 Pelvic Floor Imaging group "Plenary Session Topics"

*Moderators: G. Masselli, Rome/IT; S. Sousa, Lisbon/PT*

**12:30 MR Imaging of pelvic floor: Current Implications for patients management and new Horizons**

R.F. El Sayed, Cairo/EG

**12:50 How to develop and sustain a successful pelvic floor imaging practice: Reflections from pelvic floor imaging Group**

L. Manganaro, Rome/IT

**13:10 Pelvic Floor US: Essentials for a diagnostic Examination and report - Reflections from pelvic floor imaging Group**

A. Stankiewicz, Lublin/PL

### 13:30-13:45 BREAK

### 13:45-14:45 INDUSTRY SPONSORED LUNCH SYMPOSIUM

### 14:45-16:15 Central Course Uterine Cervix cancer: Diagnosis, Staging, Follow-up and pitfalls

**14:45 Role of imaging in diagnosis and fertility preservation**

A. Kido, Kyoto/JP

**15:05 Imaging staging and treatment planning**

A. Tsili, Ioannina/GR

**15:25 Imaging of the treated cervix**

L. Manganaro, Rome/IT



**15:45 Case based review: Tips and tricks**

C. Bourgioti, Athens/GR

**16:05 Discussion**

**14:45-16:15 Workshop: Excretory tract**

**14:45 Urothelial carcinoma/TCC**

P. Nikolaidis, Chicago/US

**15:30 Imaging of Urinary diversions**

N. Papanicolaou, Philadelphia/US

S. Hilton, Pennsylvania/US

**14:45-16:15 Workshop: Prostate cancer: The magnetised needle, where does it point to?**

J. Richenberg, Brighton/UK

O. Rouviere, Lyon/FR

I. Schoots, Rotterdam/NL

**16:15-17:15 ASAR Honorary Session**

**Advances in urogenital cancer focal therapy**

S.H. Shen, Taipei/CN

**16:15-17:15 Workshop: Leiomyoma and Sarcomas**

**16:15 Update ESUR guidelines: MRI of leiomyomas**

R. Forstner, Salzburg/AT

**16:35 Uterine sarcomas. Classification and imaging findings**

A. Vargas, New York/US

**16:55 Atypical leiomyoma and leiomyosarcoma- can we differentiate?**

Y. Lakhman, New York/US

**16:15-17:20 Scientific Paper Session - Gyne**

**16:15 Proper selection of patients with Stress Urinary Incontinence for physiotherapy: Role of Static and Dynamic MRI**

H. Kamal, Cairo/EG

**16:24 The Value of Magnetic Resonance Imaging in the Differential Diagnostic of Ovarian Lesions**

B. Olimov, Moscow/RU

**16:33 Comparison of fusion T2-DWI and PET-CT in the detection of lymph node metastasis in patients with cervical cancer**

M.A. Serrado, Funchal/PT

**16:42 Imaging spectrum of adnexal pathologies in young girls**

H. Rajani, New Delhi/IN

**16:51 The many faces of Mullerian Duct Anomalies**

S.B. Grover, New Delhi/IN

**17:00 Imaging-based prediction of myometrial invasion by invasive placenta with presence of placental bulge sign**

L. Poder, San Francisco/US

**17:09 When to perform high resolution imaging for MR evaluation of placenta accreta spectrum?**

L. Poder, San Francisco/US

**17:18 Discussion**

**17:15-17:30 COFFEE BREAK**

**17:30-18:30 Opening Ceremony**

*Moderator: tbc*

**17:30 Advances in Oncologic Imaging - Ovary**

E. Sala, Cambridge/UK

**18:00 Urogenital cancer imaging: Challenges and opportunities: Prostate cancer**

A. Padhani, Northwood/UK



## SATURDAY, September 15

### 08:30-10:00 Central Course Ovarian cancer: Diagnosis, Staging, Follow-up and pitfalls

#### 08:30 Results of EuRAD study

I. Thomassin-Naggara, Paris/FR

#### 08:50 Keys for a correct staging

S. Stojanovic, Novi Sad/RS

#### 09:10 Imaging of treated and recurrent ovarian cancer

S. Swift, Leeds/UK

#### 09:30 Pitfalls in the diagnosis and staging

N. Bharwani, London/UK

#### 09:50 Discussion

### 08:30-10:00 Urogenital emergencies

#### 08:30 Renal trauma

M.F. Bellin, Villejuif/FR

B. Bresson, Paris/FR

L. Rocher, Le Kremlin Bicêtre/FR

#### 08:50 Bladder and urethral trauma

B. Kim, Rochester/US

#### 09:10 Gyne emergencies

R. Nicola, Rochester/US

#### 09:30 Scrotal emergencies

S. Ramanathan, Doha/QA

#### 09:50 Discussion

### 08:30-10:00 Scientific Session - Prostate

#### 08:30 Do we need to do 10 biopsies in PIRADS III, IV and V Prostate cancer or are the first 2 targeted biopsies enough?

A. Ikwuagwu, Leeds/UK

#### 08:39 Evaluation of the impact of orientation differences between multi-parametric MR and ultrasound in biopsy

J. Piper, Cleveland/US

#### 08:48 Manual adjustment in mpMRI guided prostate biopsy significantly improves the detection rate of prostate cancer: Experience in 400 patients

S. Alessi, Pavia/IT

#### 08:57 Accuracy of Pre-Operative MRI Staging versus Post-Operative Surgical Histology in Patients who underwent Radical Prostatectomy

J. Chan, Wrexham/UK

#### 09:06 Prostate Imaging Reporting and Data System (PIRADS) 3 and 4 – 1 year experience from a large UK teaching hospital

K. Fatania, Leeds/UK

#### 09:15 How to improve the equivocal category PI-RADS score 3? Quantitative multiparametric MRI assessment of prostate cancerous and non-cancerous tissue using correlative histopathology

R. Campa, Rome/IT

#### 09:24 Is the efficacy of different MR contrast agent important in detection and diagnosis of prostate cancer local recurrence after radical prostatectomy by mpMRI?

F. Kossow, Moscow/RU

#### 09:33 The Value Of Prostate Magnetic Resonance Imaging To Determine Radial Distance Of Extraprostatic Extension

A. Onay, Ankara/TR

#### 09:42 Preoperative staging of prostate cancer. Which modality of multiparametric MRI is the most sensitive and specific?

F. Kossow, Moscow/RU

#### 09:51 Development of an extraprostatic extension imaging score based on multiparametric MRI and histopathology correlations

R. Campa, Rome/IT

### 10:00-10:30 COFFEE BREAK



### **10:30-12:00 ESGAR-ESUR Joint Session - Diffusion MRI**

*Moderator: A. Ba-Ssalamah, Vienna/AT*

#### **10:30 DWI of the liver**

A. Ba-Ssalamah, Vienna/AT

#### **10:50 DWI of the pancreas**

M.A. Bali, London/UK

#### **11:10 DWI of the kidney**

H. Thoeny, Bern/CH

#### **11:30 DWI of the prostate**

R. Oyen, Ghent/BE

#### **11:50 Discussion**

### **10:30-11:30 Workshop: Contrast-enhanced Ultrasound of the kidney**

#### **10:30 CEUS in native kidney**

M. Bertolotto, Trieste/IT

#### **11:00 CEUS in renal transplantation**

J.M. Correas, Paris/FR

### **10:30-12:00 Workshop: A primer to read MRI of the prostate including PIRADS 2 and beyond**

J. Richenberg, Brighton/UK

J.C. Vilanova, Girona/ES

### **12:00-13:00 Testicular cancer - How to manage today**

*Moderator: M. Bertolotto, Trieste/IT*

#### **12:00 Multiparametric US**

J. Richenberg, Brighton/UK

#### **12:20 Staging and follow-up strategies**

P. Ramchandani, Philadelphia/US

#### **12:40 Hybrid imaging - When and why**

P. Paredes, Barcelona/ES

### **12:00-13:00 Pediatric Urogenital Session**

#### **12:00 What is new in imaging childhood urogenital conditions - Update on recent ESPR task force recommendations**

M. Riccabona, Graz/AT

#### **12:30 ce-VUS in children - When and how**

M. Riccabona, Graz/AT

### **12:00-13:00 Workshop Session**

#### **12:00 Adrenal medullary disorders: Pheochromocytomas and more**

A. Sahdev, London/UK

#### **12:30 Very unusual genitourinary neoplasms and their presentations**

J. Cernigliaro, Jacksonville/US

### **13:00-14:15 BREAK**

### **14:15-15:45 Central Course Prostate cancer: Diagnosis, Staging, Follow-up and pitfalls**

*Moderator: G. Villeirs, Ghent/BE*

#### **14:15 Doctor, my PSA is elevated: What now? How to diagnose prostate cancer**

T. Barrett, Cambridge/UK

#### **14:35 My biopsy shows prostate cancer: How bad is it? How to stage prostate cancer**

G. Petralia, Milan/IT

#### **14:55 My prostate cancer was cured, but my PSA rises again! How to detect recurrent prostate cancer**

V. Panebianco, Rome/IT

#### **15:15 You told me I had cancer, but I haven't! Pitfalls in the diagnosis and staging**

J.C. Vilanova, Girona/ES

#### **15:35 Discussion**



**14:15-15:15 Workshop: Uterine congenital abnormalities and clinical implications**

**14:15 Classification and imaging techniques**

C. Alt-Radtke, Erkrath/DE

**14:35 Easy and not so easy cases**

C. Maciel, Porto/PT

**14:55 Special aspects of MDA in children**

L. Lobo, Lisbon/PT

**14:15-15:15 How I do it**

**14:15 How I manage renal transplant**

J. Belfield, Liverpool/UK

**14:30 How I evaluate endometriosis**

A. Ertmer, Zurich/CH

14:45 tba

15:00 tba

**15:45-16:45 Advances in molecular imaging for urogenital cancers**

*Moderator: B. Hamm, Berlin/DE*

**SAR Honorary Lecture - Advances in molecular imaging for urogenital cancers**

T. Hope, San Francisco/US

**15:45-17:15 Contrast Media Safety Session**

*Moderator: A.J. van der Molen, Leiden/NL*

**15:45 Overview of Gd deposition - Is there a Need for a EU Research Agenda?**

C. Quattrocchi, Rome/IT

**16:10 Implementation of the new ESUR Guidelines for Prevention of PC-AKI**

I. Dekkers, Leiden/NL

**16:35 Management of hypersensitivity reactions to GBCA**

A.J. van der Molen, Leiden/NL

**17:00 Discussion**

**16:45-17:15 mpMRI Prostate- Prostatitis can spoil the party!**

R. Jyoti, Canberra/AU

**15:45-17:15 Hands on pelvic floor workshop**

R.F. El Sayed, Cairo/EG

**17:15-17:30 COFFEE BREAK**

**17:30-18:30 Challenging Urogenital cases**

R. Salvador, Barcelona/ES

G. Tardáguila, Vigo/ES





## SUNDAY, September 16

### 08:30-10:00 Ablation of the kidney

J.M. Correas, Paris/FR

X. Serres Creixams, Barcelona/ES

### 08:30-10:00 Hands on pelvic floor workshop

R.F. El Sayed, Cairo/EG

### 08:30-10:00 Scientific Paper Session - Scrotum, Bladder, Prostate

**08:30** Characterization of the diffusion tensor imaging properties of normal testicles using high-resolution multi-b value protocol at 3T

N. Nissan, Tel Hashomer/IL

**08:39** MRI of the scrotum for the evaluation of the azoospermic male

K. Skrobisz, Gdansk/PL

**08:48** The added value of scrotal palpation during testicular ultrasound (US):

**A technical note**

J.P. Zawaideh, Genoa/IT

**08:57** Validation of Vesical Imaging Reporting and Data System (VI-RADS) in patients with bladder cancer at a single reference centre

A. Carboni, Rome/IT

**09:06** How Can Dynamic Contrast Enhanced MRI Help in Prediction of Aggressiveness of Urinary Bladder Cancer?

R.T. Abouelkheir, Mansoura/EG

**09:15** Referer confidence in a negative MR of the prostate for the detection of clinically significant prostate cancer

H. Bardgett, Bradford/UK

### Poster Snapshots

**09:24** Role Of Dynamic Contrast-Enhanced & Diffusion weighted Magnetic Resonance Imaging in Local Staging & Grading of Urinary Bladder Carcinoma

A.H. Afifi, Alexandria/EG

**09:29** The diagnostic value of MR imaging in predicting muscle invasion of bladder cancer: 3D-FRFSE with oblique-plane versus conventional T2WI three-plane sequence

A. Higashiyama, Osaka/JP

**09:34** Magnetic Resonance Imaging And Diffusion Weighted Magnetic Resonance Imaging In Evaluation Of Paratesticular Lesions

A.H. Afifi, Alexandria/EG

**09:39** Discussion

**10:00-10:30** COFFEE BREAK

### 10:30-12:00 Central Course Endometrial cancer: Diagnosis, Staging, Follow-up and pitfalls

**10:30** Vaginal bleeding: Which one might be cancer?

M. Basta Nikolic, Novi Sad/RS

**10:50** Update on current understanding genetic drive in endometrial cancer  
tbc

**11:10** Imaging staging and treatment planning

S. Nougaret, Montpellier/FR

**11:30** Case based review: Tips and tricks

T.M. Cunha, Lisbon/PT

**11:50** Discussion

### 10:30-12:00 Workshop: Pitfalls and tricks on mp MRI of the prostate

A. Luna Alcala, Madrid/ES

J.C. Vilanova, Girona/ES



**12:00-13:00 Gynecological cancer**

**12:00 PET-CT for the evaluation of gynecological cancer**

P. Paredes, Barcelona/ES

**12:20 Vulvar cancer: Staging and follow-up**

O. Nikolic, Novi Sad/RS

M. Otero-Garcia, Vigo/ES

**12:00-13:00 Workshop: MRI of the penis**

M. Bertolotto, Trieste/IT

S. Ramanathan, Doha/QA

**13:00 Closing & Awardings**