

### Faculty

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### Who should attend

Radiologists, orthopedic doctors, MSK surgeons and radiographers with a specific interest in novel techniques in CT MSK imaging.

### Fee

€580,-. The fee includes lecture materials, coffee, lunch and a dinner.

### Registration

To register, please visit <http://msk.imagerieguilloz.com>

### For more information, please contact:

Ms. Evelyne Boulogne  
[e.boulogne@chru-nancy.fr](mailto:e.boulogne@chru-nancy.fr)

### Venue

Hôtel Mercure Nancy Centre Gare

11 Rue Raymond Poincaré

54000 NANCY – FRANCE

Hotel accommodation can be arranged with a discount.

For more information, please see online registration form.



## CT MSK Workshop

CHRU, NANCY, FRANCE



## 6-7 April 2017

Service d'Imagerie Guilloz  
CHRU Nancy

29, avenue du Maréchal de Lattre de Tassigny  
CO 60034 - 54035 NANCY CEDEX



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## CT MSK Workshop

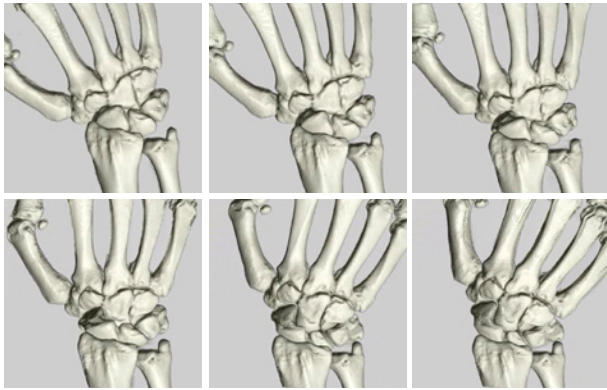
CHRU, NANCY, FRANCE



### MSK Wide-Area Detector CT: Advanced Applications

4D Dynamic, Perfusion, Subtraction  
and Metal Artifact Reduction

## 6-7 April 2017



## MSK wide-area detector CT: Advanced applications

4D Dynamic, Perfusion, Subtraction and Metal Artifact Reduction

After a successful second edition of the workshop in September 2016, it is our pleasure to invite you to the third edition of our workshop dedicated to CT imaging in musculoskeletal disorders. The aim of this unique 1.5 day course is to improve your knowledge of the wide range of applications possible with wide-area detector CT. This interactive workshop will focus on 4D dynamic scanning, perfusion and DSA-like imaging, along with the use of metal artifact reduction techniques. An international, experienced faculty will guide you through the entire workflow with a program including both scanning procedures and post processing techniques.

We look forward to welcoming you to Nancy!



Dr. Pedro Teixeira



Dr. Alain Blum

## Program

### First day

#### Morning – Metal Artifact Reduction and Prosthesis

- 08.30 – 09.00 Registration and coffee
- 09.00 – 09.15 Opening and introduction
- 09.15 – 09.45 Principles of metal artifact reduction, different techniques and acquisition protocol
- 09.45 – 10.15 Identification of hip prosthesis
- 10.15 – 10.45 How to evaluate a hip prosthesis / Tips with arthrography
- 10.45 – 11.00 Coffee break
- 11.00 – 11.30 The surgeon's point of view
- 11.30 – 12.00 Complications of hip arthroplasty
- 12.00 – 13.45 Lunch

#### Afternoon – Perfusion, Subtraction and Hospital visit

- 13.45 – 14.15 Perfusion in MSK oncology
- 14.15 – 14.45 DSA-like bone subtraction
- 14.45 – 15.15 Functional angiography in MSK CT
- 15.30 – 16.00 *Transfer to the hospital*
- 16.00 – 17.00 Live patient scanning
- 17.00 – Dinner

### Second day

#### Morning – Dynamic CT

- 08.30 – 09.00 Technique and acquisition protocol
- 09.00 – 09.30 Dynamic imaging analysis and post-processing
- 09.30 – 10.00 The surgeon's point of view
- 10.00 – 10.15 Coffee break
- 10.15 – 11.00 4D-CT of the wrist
- 11.00 – 11.45 4D-CT of other joints
- 12.00 – 13.30 Lunch

#### Afternoon – Hands on sessions

- 13.30 – 14.30 Hands on workstation - review and diagnosis (Single Energy Metal Artifact Reduction)
- 14.30 – 15.45 Hands on workstation - review and diagnosis (Dynamic CT)
- 15.45 – 16.00 Wrap up and adjourn

