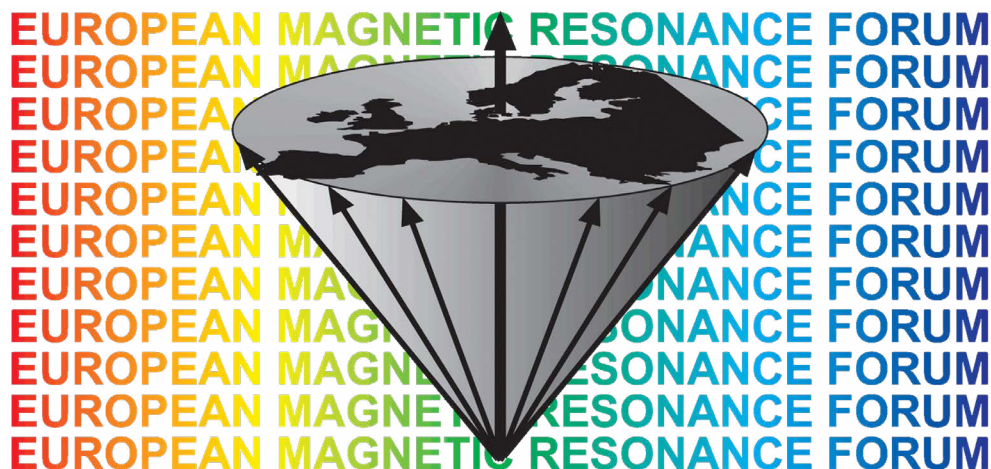


STANDING AT THE CROSSROADS : 40 YEARS OF MR CONTRAST AGENTS

MONS, BELGIUM

9-10 MAY 2019



1988 – 2018 :
30 YEARS OF THE
EUROPEAN CONFERENCE
ON CONTRAST AGENT
SCIENCES

Contrast-Enhanced
Biomedical Imaging
The 16th Meeting
in the Series

STANDING AT THE CROSSROADS : 40 YEARS OF MR CONTRAST AGENTS

PRESENTATION

This meeting will celebrate two anniversaries since it will be 40 years after the first proposal and description of MR contrast agents by Paul Lauterbur and 30 years after the first conference we organized on (MR) contrast agents.

The topics covered will encompass the various aspects of the contrast enhancement in MRI:

- **molecular and nanoparticulate contrast agents**
- **CEST techniques**
- **hyperpolarized tracers**
- **theranostics**
- **....**

Well-know experts will contribute to the program and proffered contributions, selected by the scientific committee, will be included either as oral or as poster communications.

Young researchers will be offered large opportunities to show and discuss their own work.

SCIENTIFIC COMMITTEE

Prof. Silvio Aime
University of Torino (Italy)

Prof. Per Åkeson,
Kristianstad (Sweden)

Prof. Sylvie Begin
University of Strasbourg (France)

Prof. Françoise Chuburu
University of Reims (France)

Prof. Carlos Geraldes
University of Coimbra, (Portugal)

Prof. Serge Goldman
University of Brussels (Belgium)

Prof. Sophie Laurent
University of Mons (Belgium)

Prof. Robert N. Muller
University of Mons (Belgium)

Prof. Peter A. Rinck
EMRF

Prof. Eva Toth
University of Orléans (France)

ORGANIZING COMMITTEE

Prof. Serge Goldman

Prof. Sophie Laurent

Prof. Robert N. Muller

Prof. Peter A. Rinck

LOCAL ORGANIZING COMMITTEE

Sébastien Boutry

Yves Gossuin

Céline Henoumont

Émilie Hequet

Lionel Larbanoix

Dimitri Stanicki

Thomas Vangijzegem

PRELIMINARY PROGRAM

PROF. SILVIO AIME (*University of Turin – Italy*)
HYPERPOLARIZATION CHALLENGES

DR. ZSOLT BARANYAI (*Bracco Imaging SpA, Milan – Italy*)
PROTON EXCHANGE ENHANCED RELAXATION

PROF. SYLVIE BEGIN (*University of Strasbourg – France*)
NANOMATERIALS AS MR CONTRAST AGENTS

PROF. MAURO BOTTA (*University of Eastern Piedmont – Italy*)
GADOLINIUM-BASED CONTRAST AGENTS: 30 YEARS OF STUDIES...

PROF. CARLOS GERALDES (*University of Coimbra – Portugal*)
MRI AND CEST : FROM PARACEST TO DIACEST

PROF. SERGE GOLDMAN (*Free University of Brussels – Belgium*)
TRACERS FOR IMAGING, SOME LIKE THEM HOT

PROF. ÉVA JAKABTÓTH (*CNRS Orléans – France*)
RESPONSIVE MRI PROBES BASED ON LANTHANIDES

PROF. OLIVIER TILLEMENT (*University of Lyon, France*)
AGUIX THERANOSTIC NANOPARTICLES: FROM THE CONCEPT TO FIRST IN MAN.

PROF. PETER A. RINCK (*EMRF*)
CLINICAL MRI : QUO VADIS ?

PROF. PER ÅKESON (*Kristianstad, Sweden*)
CLINICAL MRI: WHICH CONTRAST AGENTS ARE USED IN CONTEMPORARY DAILY PRACTICE ?

USEFUL INFORMATIONS



MONS

Mons, the administrative centre of the Hainaut province, is located in a dynamic region situated at the heart of Europe, between Amsterdam and Paris on the one hand and Cologne and London on the other.

Its particularly rich and varied heritage contains 4 cultural masterpieces of humanity recognised by the UNESCO World Heritage Committee. The Belfry in Mons, which was recognized as a World Heritage site in 1999, was built between 1661 and 1672 by Louis Ledoux and Vincent Anthony. While being the only baroque Belfry in Belgium as well as having recognition from UNESCO, it possesses a 49-bell carillon. This symbol, overlooking Mons, offers a splendid view of the rooftops of the city and of the former heaps which trace back to its mining history.

The Neolithic Flint Mines at Spiennes was listed among the UNESCO World Heritage sites in 2000 and is one of the oldest and largest flint

extraction sites in Europe. Located 6 km from Mons, this archaeological site covers 100 hectares. You will be able to discover the inventions and pruning techniques developed 6000 years ago by man, which today mark a major step in the cultural and technological development of mankind. The traditional festival in Mons, known as the 'Doudou', was recognised in 2005 by UNESCO. The 'Doudou', which comprised a Procession, the ascent of the Golden Chariot, and the fight, known as the 'Lumeçon', is a lively tradition celebrating St Waudru, the founder of the city and St George's battle against the Dragon, the symbol of evil. Grand-Hornu, listed in 2012 by UNESCO as World Heritage of Humanity, is an example of the idealistic architecture characterizing the beginning of the European industrial era. As a symbol of its industrial past, the Grand-Hornu was a former mining complex which included the wells and housing of miners, and all administrative institutions necessary for the running of a community. Today it is a

Museum of Contemporary Art (MAC's), in the French-speaking Community of Belgium. Mons and its surrounding area is also replete with a number of museums and impressive sites such as the Collegiate Church of Saint Waudru, the Town Hall, the Mayor's Garden, the Fine Arts Museum (BAM), the PASS (Park of Scientific Adventures). In the evening, Mons comes alive with its many bistros and quality restaurants ready to ravish the finest of palates and invite you to discover Belgian cuisine. The warm atmosphere of the bars and cafes in Mons will bring the perfect end to your sensational day.

www.visitmons.be

ACCESSIBILITY

BY CAR



Mons is situated between Paris and Brussels on the E19 motorway, exit 24.

BY TRAIN



There are two direct trains linking Brussels to Mons every hour. (Attention : «Mons» is written in Dutch : «Bergen»)

From Brussels South Airport, there is a shuttle from the airport to the Charleroi train station

On foot, Mons city centre is just an easy 15 minutes from the station
www.belgianrail.be

BY AIRPLANE



Brussels South Airport, located in Charleroi is 30 minutes from Mons by car. It serves some 100 international destinations. Ryanair, Jetairfly, Wizzair, Pegasus and Thomas Cook all offer direct flights.
www.brussels-charleroi-airport.com

Brussels Airport, the country's main international airport, is only 50 minutes from Mons. It serves 163 short-flight destinations as well as 41 long-haul destinations.
www.brusselsairport.be

SHUTTLE



Charleroi airport - Mons: ± 40 min ± 65€ (1 à 4 pers.)

Brussels airport - Mons: ± 1h ± 90€ (1 à 4 pers.)

• **Optimum Travel Service**
www.service-navette.be
0032 64 22 58 98
0032 495 89 52 37

• **Navette Connection**
www.navette-connection.be
+32 (0) 497 450 684

• **Taxi Speed**
www.taxispeed.be
+32 (0) 65 980 069
+32 (0) 474 779 777

• **Navettes Devos**
<http://navette-devos.be>
+32 (0) 485 150 120

• **Taxis Willy**
<http://taxiswillymons.be>
+32 (0) 65 319 808

TAXI



• **Taxis Willy** : +32 (0) 475 414 455
• **Taxis Top** : +32 (0) 495 209 209
• **Taxis Speed** : +32 (0) 474 779 777
• **Taxis Milie** : +32 (0) 477 479 18



ACCOMMODATION

1.

HOTEL LIDO MONS CENTRE ****

Rue des Arbalestiers, 112

7000 Mons

www.lido.be

info@lido.be

+32 (0)65 32 78 00

2.

DREAM ! ****

Rue de la Grande Triperie, 17

7000 Mons

<http://www.hoteldream.be>

info@dream-mons.be

+32(0)65 32 97 20

3.

IBIS MONS CENTRE GARE ***

Boulevard Charles-Quint, 27bis

7000 Mons

<https://www.accorhotels.com>

ibismons@monshotels.be

+32 (0)65 847 440

4.

MONS DRAGON HOUSE

Rue de la Grande Triperie, 7

7000 Mons

www.monsdragonhouse.be

info@monsdragonhouse.be

+32 (0)491 08 02 35

5.

COMPAGNONS 11

Rue des Compagnons 11

7000 Mons

www.compagnons11.be

info@compagnons11.be

+32 (0)499 99 76 60

+32 (0)65 39 02 07

6.

ELLINIKO

Place Léopold, 1

7000 Mons

www.elliniko.be

Elliniko.mons@gmail.com

+32 (0) 39 93 93

7.

INFOTEL ***

Rue d'Havré, 32

7000 Mons

www.hotelininfotel.be

info@hotelininfotel.be

+32 (0)65 40 18 30

8.

ST JAMES ***

Place de Flandre, 8

7000 Mons

www.hotelstjames.be

hotelstjames@hotmail.com

+32 (0)65 72 48 24

9.

VAN DER VALK

Avenue Mélina Mercouri, 7

7000 Mons

www.hotelmons.eu

info@hotelmons.eu

32 (0) 65 390 207



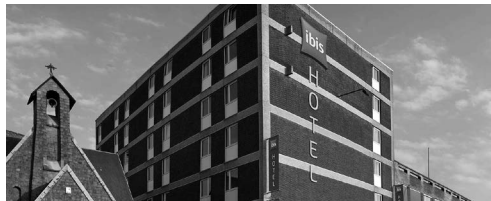
1. HOTEL LIDO MONS CENTRE ****



2. DREAM !



3. IBIS MONS CENTRE GARE ***



4. MONS DRAGON HOUSE



5. COMPAGNONS 11



6. ELLINIKO



7. INFOTEL ***



8. ST JAMES ***



9. VAN DER VALK



GENERAL INFORMATION



POSTERS

FORMAT

English

SIZE

AO (120cm/80cm)

CONTACT

40years.MR.CA@umons.ac.be

DEADLINE FOR SUBMISSION

15 March 2019



LOCATION

UMONS

Campus de la Plaine de Nimy
Centre Vésale
Avenue du Champs de Mars
7000 Mons

See below or on
<https://web.umons.ac.be/fr/plan-des-campus/>



REGISTRATION

Registration fees include admission to the conference, welcome pack, coffee-breaks and lunches. The gala dinner is optional.

Only those participants who have paid their registration fees will be allowed in.

Proof of student/PhD status will be checked upon arrival for registration

Participants are requested to wear their identification tags during the conference.

► Regular registration : 185 €

► Student registration : 150 €

► Gala dinner : 30€

DEADLINE FOR REGISTRATION :
1st May 2019

ONLINE REGISTRATION FORM :
<http://extension.umons.ac.be/evenement-57-16thmeeting-contrast-enhancedbiomedicalimaging.html?flang=UK>



WI-FI

UMONS-EVENT
welcome-to-umons

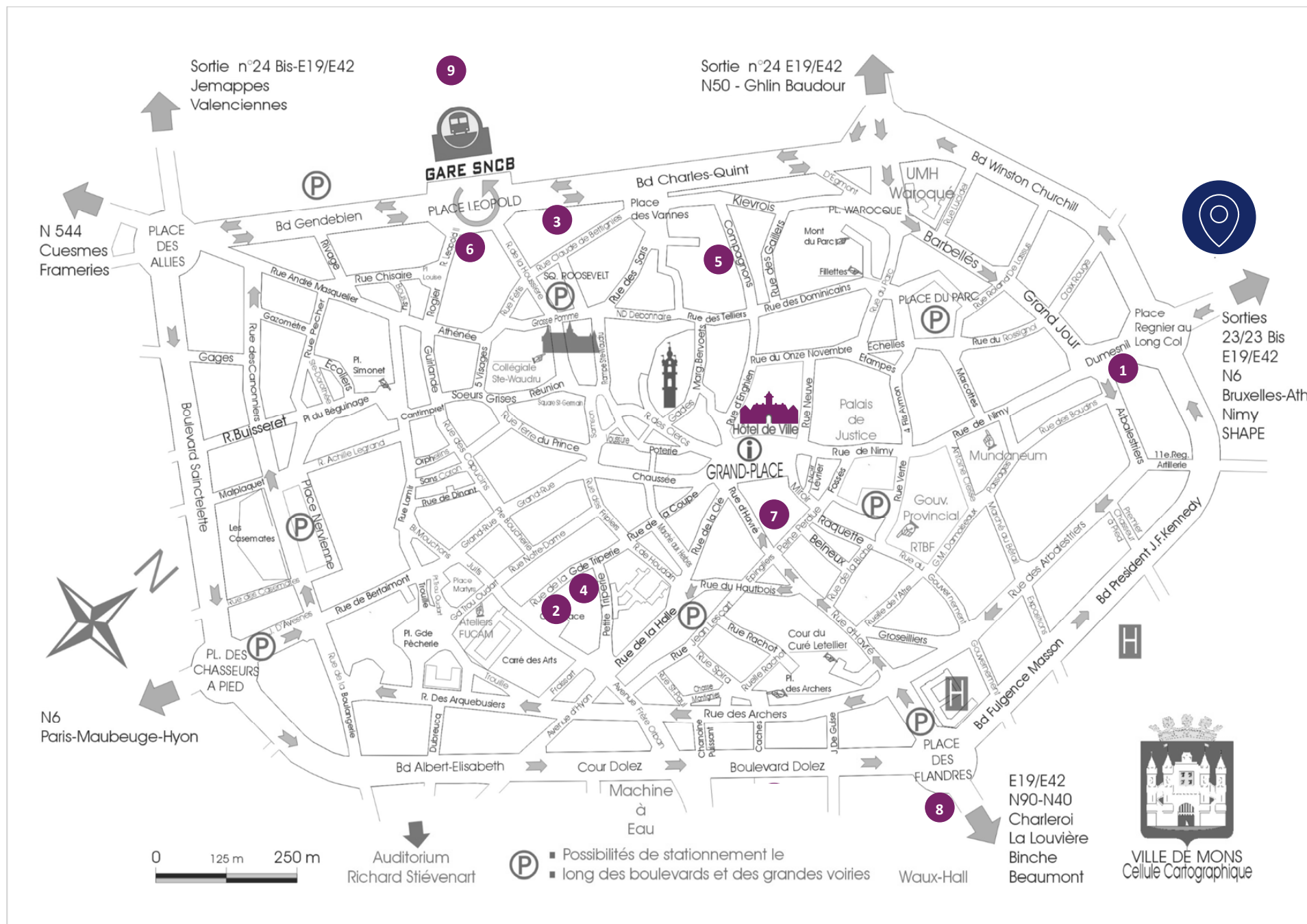


SOCIAL EVENT

Coffee-breaks and lunches will be served in the hall of the « Centre Vésale »

There are no shops on the campus but the campus is not far away from the city centre.

The gala dinner is planned on Thursday evening.





UMONS

A : Campus Plaine de Nimy

B : Campus Sciences Humaines

C : Campus Polytech
Campus Archi
Cit  de la Triperie

D : Campus Polytech

E : Biblioth que Bervoets

UMONS - Campus Plaine de Nimy - Avenue du Champ de Mars - 7000 Mons





Faculté
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et de Pharmacie



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THE ROUND TABLE
TRTF • EMRF
FOUNDATION



UMONS



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INSTITUT DE RECHERCHE EN
SCIENCES ET TECHNOLOGIES
DE LA SANTÉ DE L'UMONS

