

**IRSN**

INSTITUT  
DE RADIOPROTECTION  
ET DE SÛRETÉ NUCLÉAIRE

*Faire avancer la sûreté nucléaire*

# 4<sup>th</sup> ICRP Symposium in Paris 9-11 October 2017

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Chair of MELODI

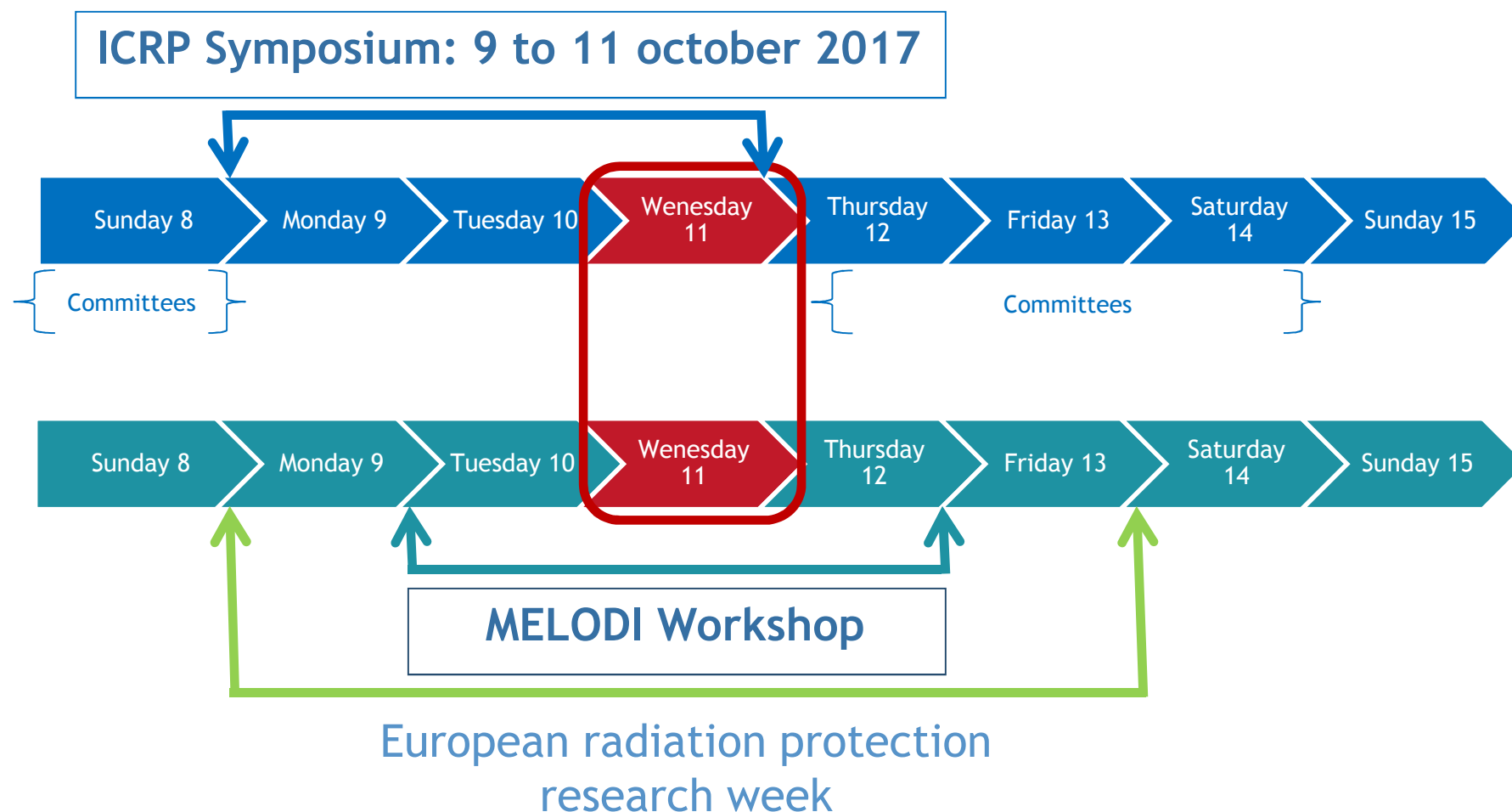
Seoul - October 2015



# Summary

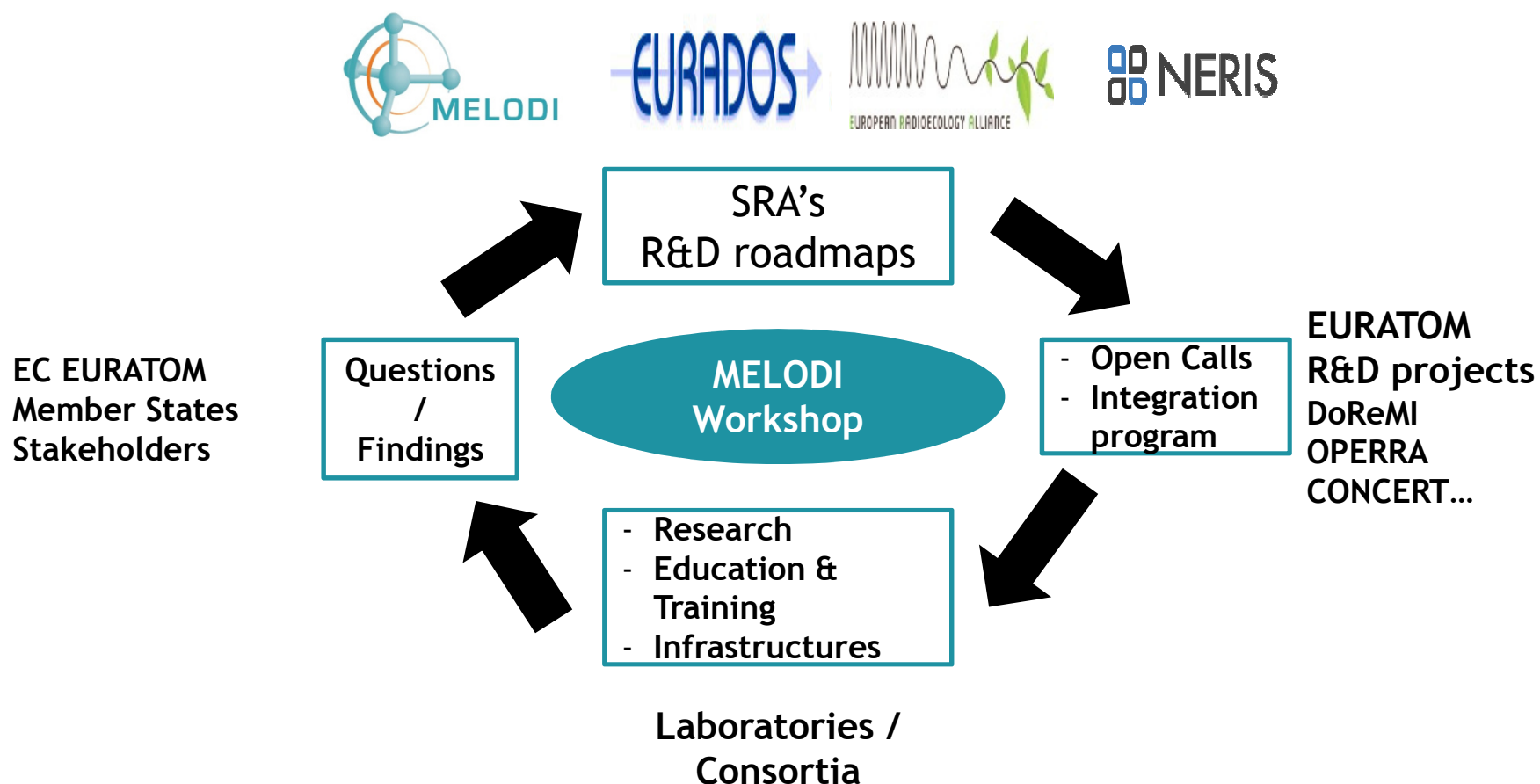
- ❑ Proposed schedule for the 4th ICRP Symposium
- ❑ The MELODI Workshop concept
- ❑ Potential topics of interest
- ❑ Location, facilities
- ❑ French organizing Committee

# Proposed schedule for the 4th ICRP Symposium



# The MELODI Workshop concept

## Platforms



# Potential topics of interest: initial thoughts

1. Implementation in the EU of the new BSS directive
2. Radiation protection in medicine
3. Radiation protection culture (application)
4. Low doses: from research to radiation protection  
[topic shared with MELODI]
5. Societal aspects of radiation protection

# Potential topics of interest

## ■ 1. Implementation in the EU of the new BSS directive

ICRP 103/2007 recommendations are imbedded into EU directive 59/2013 Euratom

- Well understood?
- Well transcribed?
- Problems to solve?

# Potential topics of interest

## ■ 2. Radiation protection in medicine

- Interventional radiology and interventions guided by radiation imaging
- Follow-up of chronic diseases (e.g. cystic fibrosis) in children specially: (justification of the repetition of doses & optimisation)
- 1 mSv CT scan with iterative algorithms : myth or reality ?
- Teleradiology
- Radiation protection training of professionnels

# Potential topics of interest

## ■ 3. Spreading Radiation protection culture

- The strength of RP system based on ICRP achievements
- But different implementations in different countries: a question of culture ?
- Misunderstanding & misinterpretation of ICRP approach regarding risk evaluation ?
- Need for RP education of the youth



# Potential topics of interest

## ■ 4. Low doses : from research to radiation protection

- How ICRP takes into account the results of research in its recommendations ?
- Low doses paradigms after a nuclear accident

# Potential topics of interest

## ■ 5. Societal aspects of Radiation protection

- CONCERT EJP as a key inclusive research project in Europe Horizon 2020 (including social sciences)
- ICRP ethical approach on risk confronted to the risk aversion in society (Tocqueville : the more the risk is reduced, the more it appears unacceptable !)
- Limitations of the system, e.g. :
  - The dose limit of 1 mSv for the public does not work for the management of radon risk in radon prone regions
  - Dose limits which are conceived as indicators of a good management of industrial process are perceived as sanitary threshold and used by the public for the evaluation of individual risk

# Location: Disney Business Center near Paris

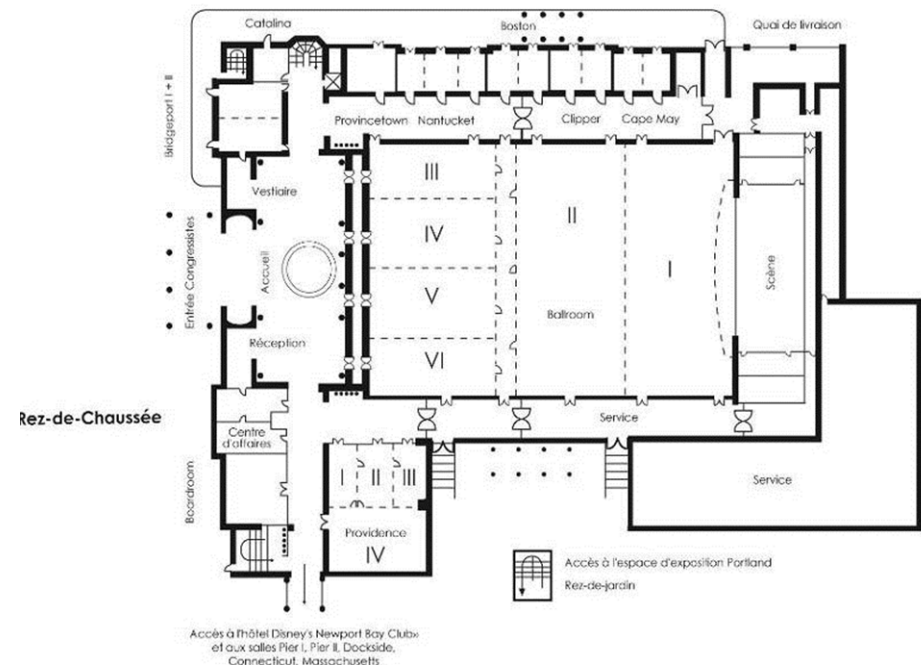


## Easy to access

- Near airports (Roissy CDG 10 mn and Orly 30 mn)
- Railway station: high speed trains and Eurostar
- 40 mn from Paris center by rail
- Motorway access A4
- Close to Disneyland Paris, but on a clearly separate site

# Disney Business Center facilities

- Located close to but outside of Disney amusement park, in the Newport Bay hotel (4 stars)
- Capacity can be adjusted to 650 persons in the plenary room
- Lobby space serving all meeting rooms



# Logistics : accommodation

- 4 hotels (2 to 4 stars), between 3 and 8 mn walking from the business center
- Restaurants in each hotel and near by
  - Reservation possible of the Dome for the Gala dinner



# French organizing Committee

- The French first organising committee was initiated on October 5<sup>th</sup>, 2015 in Fontenay-aux-Roses, at the initiative of IRSN and ASN.
- Members: IRSN, ASN, SFRP, ANCCLI, ASTERALIS, CEA, CEPN, EDF, SFR, Westinghouse, ...
- Mission:
  - To mobilise the French stakeholders towards the success of the Symposium
  - To contribute to the elaboration of the Symposium program
  - To provide a liaison with ICRP and its Program Committee



We look forward  
to welcoming you  
in Paris in  
October 2017

