

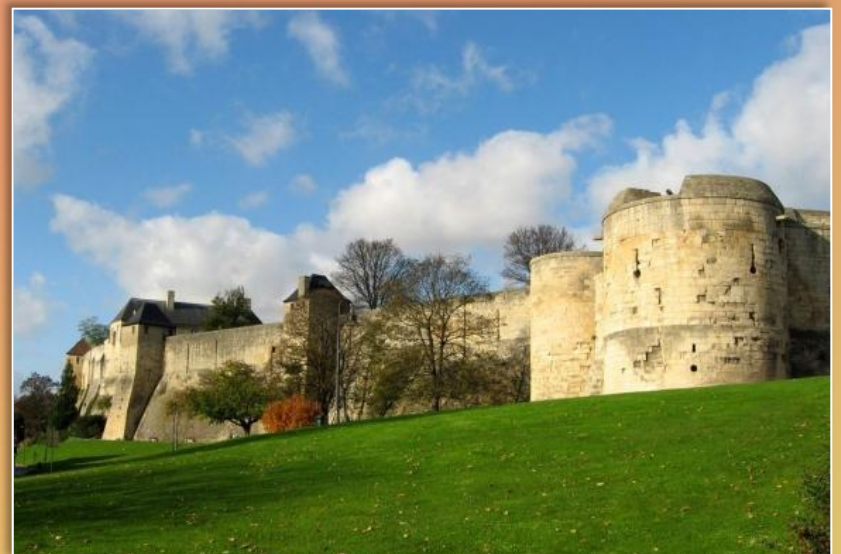
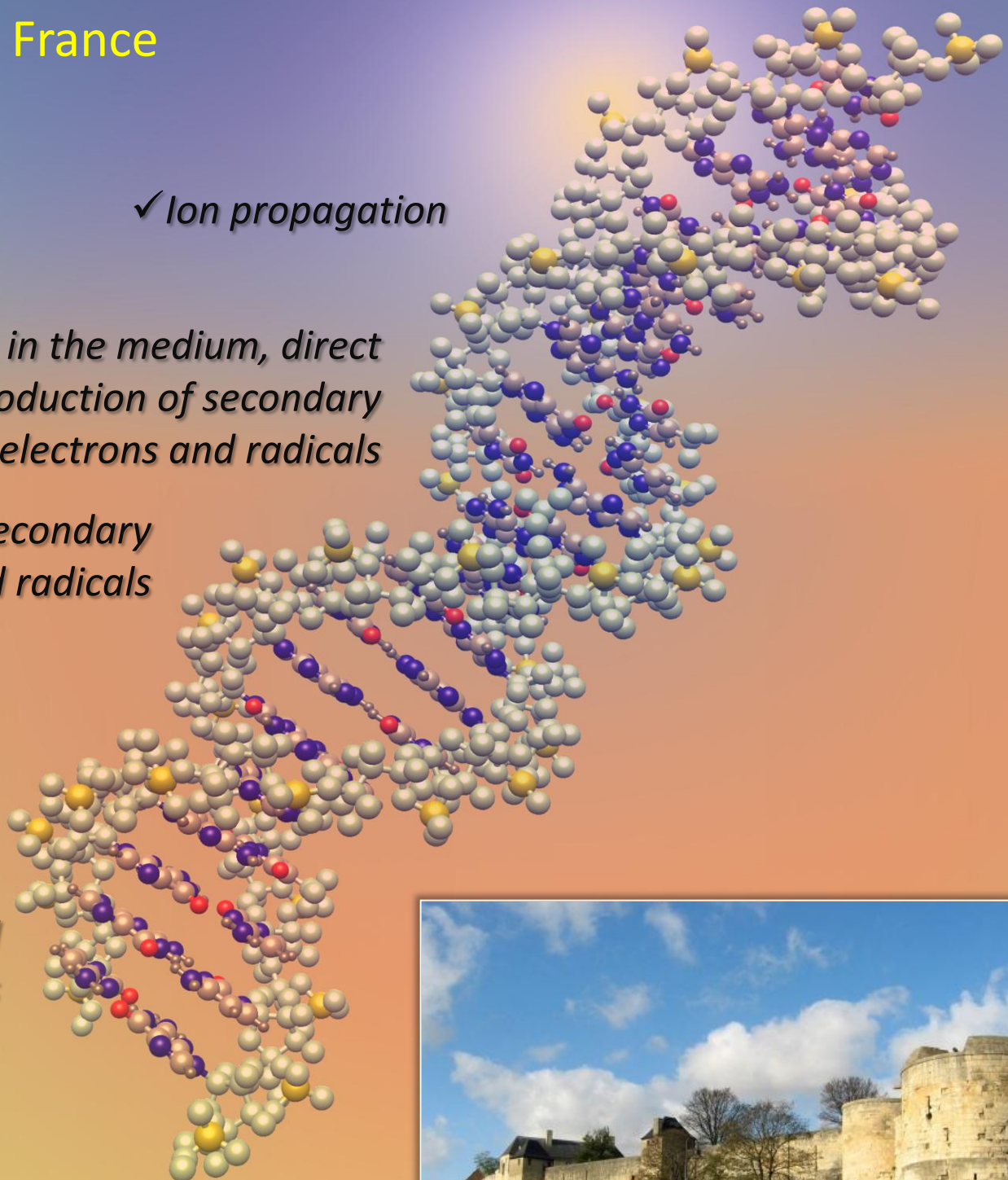
# 1<sup>st</sup> Nano-IBCT Conference 2011

## Radiation damage of biomolecular systems: Nano-scale insights into Ion Beam Cancer Therapy

2<sup>nd</sup>-6<sup>th</sup> October 2011

Auditorium du Musée des Beaux-Arts  
Château de Caen, France

- ✓ *Ion propagation*
- ✓ *Primary ionization in the medium, direct damage and production of secondary electrons and radicals*
- ✓ *Propagation of secondary electrons and radicals*
- ✓ *Electron attack on DNA and proteins*
- ✓ *Radiobiological scale effects*



### Conference Chairs:

Y. Gauduel (INSERM, Ecole Polytechnique, ENSTA, Palaiseau)  
B. A. Huber (CIMAP, Caen)  
A. V. Solov'yov (FIAS, Frankfurt)

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