

# Modelling Approaches in Epigenetics 2014



Thursday, March 20, 2014 - Friday, March 21, 2014, Christ's College, Cambridge, UK

Registration deadline: 28<sup>th</sup> February 2014

## Themes discussed might include but are not limited to:

Mathematical representation of:

The relationship between chromatin state and gene expression

Spreading of chromatin states

Coupling between DNA sites and how this affects the establishment of chromatin marks

3D genome, mutations, evolution

Differentiation and development

Mechanisms for trans-generational inheritance

Time scales of epigenetic phenomena

Missing experiments in epigenetics

## Preliminary Programme:

March 20th

10:00 - 11:00 - Introduction and Keynote Lecture

11:00 - 11:30 - Coffee Break

11:30 - 1:30 - Participants' Flash Contribution

1:30 - 2:30 - Lunch Break

2:30 - 3:30 - Discussion Session

3:30 - 4:00 - Coffee Break

4:00 - 5:30 - Discussion Session

March 21st

9:00 - 11:00 - Discussion

11:00 - 11:30 - Coffee Break

11:30 - 1:00 - Discussion

1:00 - 2:00 - Lunch Break

2:00 - 3:00 - Keynote Lecture

3:00 - 3:30 - Coffee Break

3:30 - 4.30 - Discussion and Conclusions from the Meeting + Closing Remarks

Discussion sessions will be arranged to maximize exchange between participants and to let interesting themes emerge from the meeting. In the Participants' Flash Contributions session, attendees will have a chance to briefly introduce themselves and their projects (5 min, 1-3 slides).\

For more information please email Vera Pancaldi and Pnar Pir at [modapepi@gmail.com](mailto:modapepi@gmail.com)