

# Analysis and Annotation of DNA Repeats and Dark Matter in Eukaryotic Genomes

8 – 10 July 2015

Lycée Descartes, Amphi Léopold SENGHOR, Rue de la Préfecture 37000 Tours, France



## CONVENORS

---

- **Dr. Peter Arensburger , LE STUDIUM® RESEARCH FELLOW**  
on leave from California State Polytechnic University, Pomona, California - USA, in residence UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France.
- **Dr. Yves Bigot, CNRS Research Director**  
UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France

## MAIN TOPICS OF THE CONFERENCE

---

- eukaryotic genomes
- genomic dark matter
- non-genic sequence features
- genetic repeats
- repeat classification

## INTRODUCTION

---

The conference focuses on the analysis of repetitive elements found in eukaryotic genomes as well as of genomic dark matter. Its challenge is to come up with novel approaches to further the understanding of non-genic chromosomal sequence features. This is particularly important in order to better understand the signaling networks that regulate chromatin and nuclear compartment organisation.

The presentations will first focus on de novo repeat analysis methods based on the repeated nature of genetic DNA elements and their sequence conservation, in either assembled or unassembled genomes. Genetic repeats will be then examined from a functional standpoint. It will end by addressing the possibilities to define a “repeated species” and to explore the methods and feasibility of classifying these in the light of their diversity and complexity.

## CONFIRMED INVITED SPEAKERS

---

### **Dr. Peter Arensburger**

Biological Sciences Department, California State Polytechnic University, Pomona, CA 91768, USA

### **Dr. Yves Bigot**

UMR INRA-CNRS 7247, Centre INRA Val de Loire, France

### **Dr. Philippe Collas**

University Oslo Institute of Basic Medical Sciences, Department of Biochemistry, Oslo, Norway

### **Dr. David Gabellini**

San Raffaele Scientific Institute Division of Regenerative Medicine, Milano, Italy

### **Dr. Sébastien Guizard**

CNRS, UMR 7247, Centre INRA Val de Loire, France

### **Dr. Jiri Macas**

Institute of Plant Molecular Biology, xxx, Czech Republic

### **Dr. Klaus May**

Genomatix Software GmbH, Munich, Germany

### **Dr. Florian Maumus**

Unité de Recherches en Génomique-Info, UR INRA 1164, INRA, Centre de recherche de Versailles, France

### **Dr. Attila Nemeth**

University of Regensburg, Biochemistry Center Regensburg, Germany

### **Dr. David Pollocq**

University Colorado Denver, Department of Biochemistry & Molecular Genetics, USA

### **Dr. Hadi Quesneville**

Unité de Recherches en Génomique-Info, UR INRA 1164, INRA, Centre de recherche de Versailles, France

### **Dr. Sébastien Tempel**

Université Aix-Marseilles, Laboratoire de Chimie Bactérienne, UMR 7283, Marseille, France

### **Pr. Jean-Nicolas Volf**

Ecole Normale Supérieure de Lyon, Institut de Génomique Fonctionnelle de Lyon, Equipe Génomique des Poissons, Lyon, France

## CALL FOR POSTERS

---

Poster presenters need to submit an abstract of no more than 2000 characters (including spaces) by **1/06/2015**. The abstracts (electronic format only –pdf files) will be published in digital proceedings (USB flash-drive).

If you are interested in giving a poster, thank you for sending the title of your abstract and your text of abstract together with your registration form including your affiliation and contact details to [registration@lestudium-ias.fr](mailto:registration@lestudium-ias.fr) as soon as possible with the mention SC40.

**LE STUDIUM**® Loire Valley Institute for Advanced Studies

1, rue Dupanloup- 45000 Orléans, France

Tel. +33 2 38 21 14 82 – email : [registration@lestudium-ias.fr](mailto:registration@lestudium-ias.fr)

<http://www.lestudium-ias.com>

## PRACTICAL INFORMATION

---

**Deadline for early registration:** 15/05/2015

**Dates of the conference:** 8 – 10 July 2015

**Location:** Lycée Descartes, Amphi Léopold SENGHOR, Rue de la Préfecture 37000 Tours, France

**Lodging:** Hotel lists in Tours communicated upon registration

**Language:** English

## CONTACT AND REGISTRATION

---

Registrations are open. Please consult the website of LE STUDIUM® for updates, details and registration form: <http://www.lestudium-ias.com>

To register, click on the “**LE STUDIUM® CONFERENCES**” link and then click on “**Registration form**” for this conference. Please fill in the Word document and then return the form via the website or by email to Justine Thévenot at [registration@lestudium-ias.fr](mailto:registration@lestudium-ias.fr)

Your participation will be validated upon reception of your payment before **30/06/2015**. You can pay the registration fees (see table below) by PayPal services on LE STUDIUM website, via wire transfers using the reference **PG-SC40** (IBAN: FR76 1870 7004 3030 5212 3281 624 - BIC: CCBPFRPPVER) or by French bank checks sent to LE STUDIUM postal address in Orleans (1, rue Dupanloup – 45000 Orléans).

## REGISTRATION FEES

---

Registration fees include: Conference attendance, lunches of **8/07/2015 and 9/07/2015**, lunch bags of **10/07/2015** coffee breaks, and an USB key with the conference documents and a booklet of abstracts.

Registration Fees	Early rate before 15/05/2015	Rate After 15/05/2015
Public or private institutions	150€	250€
Students (PhD included)	75€	75€
Conference dinner (formal gala dinner) on <b>09/07/2015</b>	60€	60€

## IMPORTANT DATES

---

30/06/2015	Final registration and payment deadline
08/07/2015	Conference Begins at 2pm
09/07/2015	Conference Gala Dinner
10/07/2015	Conference ends at noon

**LE STUDIUM®** Loire Valley Institute for Advanced Studies

1, rue Dupanloup- 45000 Orléans, France

Tel. +33 2 38 21 14 82 – email : [registration@lestudium-ias.fr](mailto:registration@lestudium-ias.fr)

<http://www.lestudium-ias.com>

## SYMPOSIUM ORGANIZATION

---

### CONVENORS

---

- **Dr. Peter Arensburger , LE STUDIUM® RESEARCH FELLOW**  
on leave from California State Polytechnic University, Pomona, California - USA, in residence UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France.
- **Dr. Yves Bigot, CNRS Research Director**  
UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France

### SCIENTIFIC COMMITTEE

---

- **Dr. Peter Arensburger , LE STUDIUM® RESEARCH FELLOW**  
on leave from California State Polytechnic University, Pomona, California - USA, in residence UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France.
- **Dr. Yves Bigot, CNRS Research Director**  
UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France
- **Professor Nicola Fazzalari** (Scientific Director), LE STUDIUM® Loire Valley Institute for Advanced Studies, Region Centre-Val de Loire, France.

### ORGANIZING COMMITTEE

---

- **Dr. Peter Arensburger , LE STUDIUM® RESEARCH FELLOW**  
on leave from California State Polytechnic University, Pomona, California - USA, in residence UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France.
- **Dr. Yves Bigot, CNRS Research Director**  
UMR INRA-CNRS 7247 Physiologie de la Reproduction et des Comportements - Centre INRA Val de Loire Nouzilly - France
- **Professor Nicola Fazzalari** (Scientific Director), LE STUDIUM® Loire Valley Institute for Advanced Studies, Region Centre-Val de Loire, France.
- **Sophie Gabillet** (General Secretary), LE STUDIUM® Loire Valley Institute for Advanced Studies, Region Centre-Val de Loire, France.
- **Ludovic Michel** (Incoming Researchers), LE STUDIUM® Loire Valley Institute for Advanced Studies / University François-Rabelais Tours, France.
- **Justine Thévenot**, Bleu Nuit (Events agency), Orleans, France.

### ORGANIZING INSTITUTION

---

- **LE STUDIUM®**, LE STUDIUM® Loire Valley Institute for Advanced Studies, Region Centre, France.