



## 2014 International Jacques Solvay Chair in Physics

Professor Viatcheslav Mukhanov  
(LMU, Munich, Germany)

### Inaugural Lecture

Tuesday 21 October 2014 at 4:00 p.m. in the Solvay room

### Quantum Universe

Why are atoms stable? What caused galaxies, stars and planets to form? I will explain why quantum physics is crucial for explaining both. Finally, I will discuss the experimental evidence that assures us that everything in our universe originated from quantum fluctuations.

**A series of lectures on *Physics of the Early Universe* will be given on**

Tuesday 22 October at 11.30 a.m. (1 hour)  
Tuesday 22 October at 4.00 p.m. (2 hours)  
Monday 27 October at 4.00 p.m. (1 hour)  
Tuesday 28 October at 4.00 p.m. (2 hours)  
Wednesday 29 October at 5.00 p.m. (1 hour)  
Thursday 30 October at 1.45 p.m. (1 hour)

\*All lectures will take place in the Solvay room

<http://www.solvayinstitutes.be>

