

29 May -
2 June 2017



Laboratoire J.A. Dieudonné
Parc Valrose - Nice

Program

Monday 29 May	
09h00 – 10h00	<i>Registration and coffee</i>
10h00 – 11h00	Tamas Hausel : Mirror symmetry with branes by equivariant Verlinde formulae.
11h10 – 12h10	Richard Wentworth : Deligne pairings and flat connections.
<i>Lunch</i>	
13h45 – 14h45	Kang Zuo : Constructing crystalline representations on p-adic curves via stable Higgs bundles.
14h45 – 15h15	<i>Coffee break</i>
15h15 – 16h15	Pranav Pandit : Gradient flows, iterated logarithms, and semistability.

Tuesday 30 May	
09h30 – 10h30	Adrian Langer : Some remarks on opers.
10h30 – 11h00	<i>Coffee break</i>
11h00 – 12h00	Marina Logares : Donaldson-Uhlenbeck compactification of the moduli space of sheaves on a stack.
<i>Lunch</i>	
14h00 – 15h00	Indranil Biswas : Higgs bundles on Sasakian manifolds.
15h00 – 15h30	<i>Coffee break</i>
15h30 – 16h30	Takuro Mochizuki : Mixed twistor D-modules and some examples.

Wednesday 31 May	
09h00 – 10h00	Motohico Mulase : An invitation to Quantum Curves and 2D TQFT.
10h00 – 10h30	<i>Coffee break</i>
10h30 – 11h30	Victoria Hoskins : Group actions on quiver moduli spaces.
11h40 – 12h40	David Dumas : Geometric limits of convex RP^2 structures and cubic differentials.
<i>Lunch</i>	
<i>Free afternoon</i>	

Thursday 1st June	
09h30 – 10h30	David Baraglia : On the image of the strongly parabolic Hitchin map.
10h30 – 11h00	<i>Coffee break</i>
11h00 – 12h00	Laura Schaposnik : On some singular fibres of the Hitchin fibration.
<i>Lunch</i>	
14h00 – 15h00	Jorgen Andersen : The Verlinde formula for Higgs bundle moduli spaces.
15h00 – 15h30	<i>Coffee break</i>
15h30 – 16h30	Vladimir Fock : Higher complex structures: spectral curve.

Friday 2 June	
09h00 – 10h00	Misha Verbitsky : Holomorphic bundles on hyperkahler manifolds and Tannakian categories.
10h00 – 10h30	<i>Coffee break</i>
10h30 – 11h30	Qionglin Li : Higgs bundles of cyclic quiver type.
11h40 – 12h40	Ron Donagi : Hitchin's system and Geometric Langlands.
<i>Lunch</i>	