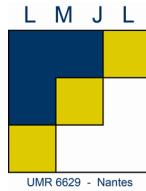




UNIVERSITÉ DE NANTES



*Laboratoire de mathématiques Jean Leray*

*Unité mixte de recherche 6629*

## SÉMINAIRE DE PHYSIQUE MATHÉMATIQUE

Jeudi 07 mai 2015  
Salle des séminaires à 16h00

Evgeny Ivanov

(Bogoliubov Laboratory of Theoretical Physics, JINR, Dubna, Russia)

*Supersymmetry, Superspace, Superfields*

*We exhibit elementary facts about 4D supersymmetric theories with emphasis on  $N = 1$  supersymmetry and argue that the adequate language to deal with this type of theories is the superspace approach. Contents: From symmetries to supersymmetry; Basic features of supersymmetry; Superspace and superfields; 1D supersymmetry as the simplest example.*