

GLIDER REPRESENTATIONS

Speaker: Frederik Caenepeel Shanghai Center for Mathematical Sciences

Time: 9:00 am - 9:30 am, Tuesday, January 8, 2019 Venue: Room 2213, East Main Guanghua Tower

Abstract:

I will briefly introduce the notion of a glider representation and give some insight in the two current projects I am working on. The first project concerns

the further development of character theory for gliders appearing in group theory. This is joint work with dr. Geoffrey Janssens. The second project deals with the so called

 $x_{i+1} = \int y \, dx = \int y \, dx^{i+1} dx^{i} = \int (\sum_{j=1}^{i-1} a_{ij} x_j^{(k)} + \sum_{j=i+1}^{n} a_{ij} x_j^{(k)} + \sum_{j=1}^{n} a_{ij} x$ glider Brauer Severi varieties defined on central simple algebras. This is joint work with Prof. dr. em. Freddy Van Oystaeyen.

Shanghai Center for Mathematical Sciences 2005 Songhu Road, Yangpu District, Shanghai, China Tel: 31243880 Fax: 31244000 Postcode: 200433