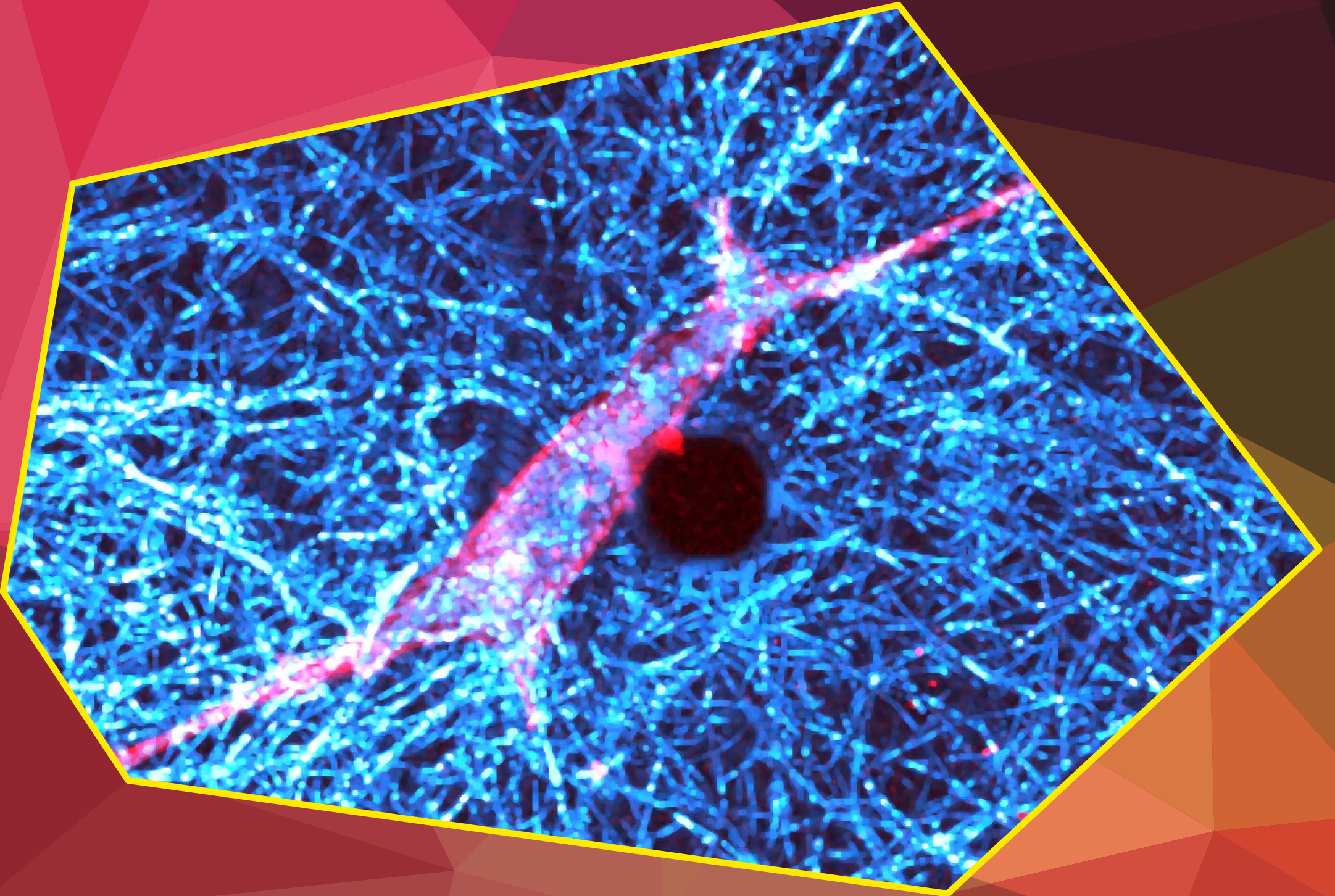


PHYSICS COLLOQUIA 2020



The cells and tissues that make up our body need to withstand large mechanical loads, yet they also constantly reconfigure themselves to allow for cell migration and tissue growth and repair. Cells and tissues achieve this remarkable mechanical behavior by using dynamic biopolymer scaffolds known as the cytoskeleton and the extracellular matrix, respectively.

I will review insights in the material properties of these biopolymer networks acquired through quantitative measurements on biochemically reconstituted networks combined with theoretical modelling.

Gijsje Koenderink | Technische Universiteit Delft, Paesi Bassi
**ACTIVE MATERIAL PROPERTIES OF CELLULAR
AND EXTRACELLULAR BIOPOLYMER NETWORKS**

07 04



UNIVERSITÀ DEGLI STUDI DI MILANO
DOTTORATO DI RICERCA IN FISICA
ASTROFISICA E FISICA APPLICATA

Gli incontri si terranno alle **ore 14:30**
nell'**aula A** del **DIPARTIMENTO DI FISICA**
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