

Acte acadèmic a l’Institut d’Estudis Catalans

L’acte acadèmic commemorant el 30è aniversari del CRM, és un acte obert a tota la comunitat matemàtica, que tindrà lloc a l’Institut d’Estudis Catalans, **el proper dia 27 de maig a les 16:00 hores** i que consistirà en les següents activitats:

Dues conferències:

16:00 – 16:30 Obertura de l’acte

16:30 – 17:30 **Dra. Angela Stevens**, Münster Universität

Title: Mathematical Modeling in Developmental Biology

Abstract: Cellular systems are influenced by a number of external and internal factors during their development, among others cell division, cell death, cell motion and cell differentiation. Crucial changes in these processes may have crucial effects on the final patterned state of the system and thus on its functioning. During the talk models of partial differential equations will be discussed, which, among others, will especially focus on cell motion and spatial reorganization. Their qualitative behavior will be analyzed in comparison with biological findings.

17:30 – 18:30 Cafè i inauguració de l’exposició ``**Crèixer en Matemàtiques, fer país**’’

Exposició commemorativa del 30è aniversari de la fundació del Centre de Recerca Matemàtica, a cura del Dr. Manuel Castellet, director honorari del CRM.

18:30 – 19:30 **Dra. Tamar Ziegler**, Hebrew University and Technion

Title: Patterns in Primes and Dynamics of Nilmanifolds

Abstract: I will survey some of the ideas behind the recent developments in additive number theory and ergodic theory leading to the proof of Hardy-Littlewood type estimates for the number of prime solutions to systems of linear equations of finite complexity.

