



**TIFR Centre for Interdisciplinary Sciences,
Narsingi, Hyderabad 500075**

Seminar

**Benefits of cooperation and communication in
bacteria**

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Individual bacteria excrete many common goods, such as exoenzymes, siderophores, biofilm products and virulence factors, which can benefit the functioning and growth of not only themselves but also other individuals in their surroundings. I'll discuss how the functional form of this benefit affects the decision of whether to turn on or turn off production of the common good, and how communication between bacteria may then become crucial for making such decisions correctly.

Friday, Feb 14th 2014

9:30 AM (Tea/Coffee at 9:15 AM)

Seminar Hall, TCIS