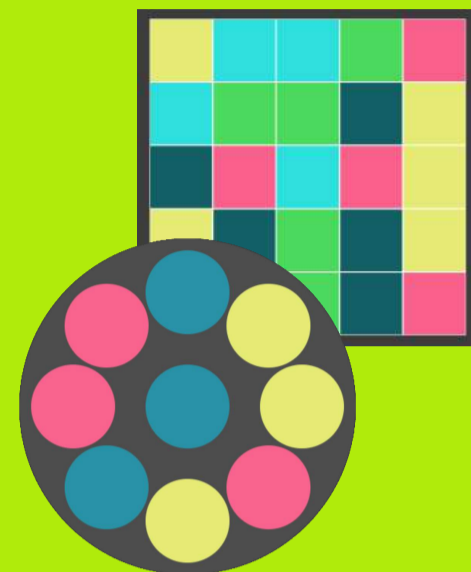


# From **Puzzles** to **Moduli Spaces**



**Professor Hugo Parlier**  
*University of Fribourg, Switzerland*

How do you measure distance between shapes? What is the distance between different Rubik's cubes? How many ways can you cover a chess board with dominos?

The talk will be about finding and exploring geometry in unexpected places and how puzzles illustrate more sophisticated mathematical objects such as moduli spaces.

Hugo Parlier is a professor of mathematics working in Fribourg, Switzerland. His research lies in geometry and topology. He is very involved in outreach and has run multiple workshops for high school students and teachers in the United States and Switzerland. Together with Paul Turner, he has created a popular math book-app entitled "Mathema" aimed at illustrating mathematics - and in particular research level mathematics - to a broad audience.

**Wednesday, 17 August 2016**  
**2:30 - 3:30 pm**  
**Lecture Theatre 31**  
**National University of Singapore**  
**Block S16, Level 3**  
**6 Science Drive 2 Singapore 117546**



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