

**MATH-726(2) Working group in Topology II**

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<b>Cursus</b>	<b>Sem.</b>	<b>Type</b>
Mathematics		Opt.

Language of teaching	English
Credits	2
Session	
Exam	Oral presentation
Workload	60h
<b>Hours</b>	<b>52</b>
Lecture	4
Practical work	48
<b>Number of positions</b>	

**Frequency**

Every year

**Remark**

Spring semester

**Summary**

The theme of the working group varies from year to year. Examples of recent topics studied include: Galois theory of ring spectra, duality in algebra and topology, topological algebraic geometry and twisted K-theory

**Content****Keywords**

Topology, homotopy theory, K-theory

**Learning Prerequisites****Recommended courses**

Elementary homotopy theory, undergraduate algebra

**Resources****Websites**

- [https://sma.epfl.ch/~hessbell/topsem/GroupeDeTravail\\_KthTordue.htm](https://sma.epfl.ch/~hessbell/topsem/GroupeDeTravail_KthTordue.htm)