



LUDWIG-  
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ARNOLD SOMMERFELD  
CENTER FOR THEORETICAL PHYSICS



# Joint Sommerfeld Theory Colloquium & Munich Mathematical Colloquium

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## Sommerfeld Theory Colloquium

### The Shape of the Space-Time

**Abstract:** In this talk, I shall go over the history of the geometry of spacetime according to general relativity and string theory.

Thursday, May 12, 16:00h (s.t.), A348/349, Theresienstr. 37

## Munich Mathematical Colloquium

### Quasilocal Mass in General Relativity

**Abstract:** In this talk, I shall discuss a concept of mass, based on the theory of general relativity, for some compact region in space time that is due to M.T. Wang and myself. There are important properties of this mass that we shall discuss in this talk. There are interesting geometry and analysis behind the theory.

Friday, May 13, 17:00h (s.t.), B052, Theresienstr. 39