Module Name
Numerical Mathematics Seminar

Type of Module	**Module Code**
Advanced Module	AM-kLk

Identification Number	**Workload**	**Credit Points**	**Term**	**Offered Every**	**Start**	**Duration**
MSc-M-kLk	180 Hours	6 CP	1. – 3. Semester	Semester	WiSe/SuSe	1 Semester

1	**Course Types**	**Contact Time**	**Private Study**	**Planned Group Size**
	a) Seminar	28 h	152 h	14 Students

2	**Module Objectives and Skills to be Acquired** The students will be able to work on and understand a current topic of numerical mathematics and scientific computing. They are able to present the acquired knowledge and discuss with the tutors.
3	**Module Content** The contents of the module are oriented at current research topics, which the students should read and understand. The contents base on original research literature or research monographies.
4	**Teaching Methods** Discussions between teachers and students, independent literature studies, presentations on blackboard or with beamers, final discussion with the teacher
5	**Prerequisites (for the Module)** Formally: none Content wise: Knowledge in algorithmic mathematics, numerical mathematics and numerics of partial differential equations; further prerequisities after announcement possible
6	**Type of Examination** Oral examination
7	**Credits Awarded** The module is passed by passing the 30-45 minutes oral examination.
8	**Compatibility with other Curricula** The ‘Kleiner Lesekurs’ is offered by the Master of Science in Mathematics.
9	**Proportion of Final Grade** 6/114
10	**Module Coordinator** G. Gassner, A. Klawonn
11	**Further Information**