

# Narrative Visualization

Summer

(in German: Narrative Visualization )

**Module-ID: FIN-INF-120523**

| Abbreviation | Credit Points | Semester | Term           | Duration   | Language | Level  |
|--------------|---------------|----------|----------------|------------|----------|--------|
| NarVis       | 3             | Summer   | starting at 1. | 1 Semester | english  | Master |

|                                     |                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Link:</b>                        | <a href="#">LSF</a>                                                                                                                                                                                                                                                                                       |
| <b>Limited accessibility:</b>       | true                                                                                                                                                                                                                                                                                                      |
| <b>Responsibility:</b>              | Bernhard Preim                                                                                                                                                                                                                                                                                            |
| <b>Lecturer:</b>                    | Bernhard Preim                                                                                                                                                                                                                                                                                            |
| <b>Classes:</b>                     | Seminar <i>Narrative Visualization</i>                                                                                                                                                                                                                                                                    |
| <b>Applicability in curriculum:</b> | <ul style="list-style-type: none"><li>- M.Sc. INF: Informatik</li><li>- M.Sc. INGINF: Informatik</li><li>- M.Sc. WIF: Informatik</li><li>- M.Sc. DKE: Applied Data Science</li><li>- M.Sc. DE: Human Factors</li><li>- M.Sc. DE: Fachliche Spezialisierung</li><li>- M.Sc. VC: Visual Computing</li></ul> |

## Intended learning outcomes:

Students ...

- can apply methods of narrative visualization for Science communication
- can design and present topics of Science communication

## Content:

- Overview of Narrative Visualization

- Concepts and Tools for Story Generation
- Applications in climate research, molecular research and astronomy
- Applications in business and finance

**Workload:**

28 h contact hours + 152 h self study

| Pre-examination requirements: | Type of examination: | Teaching method / lecture hours per week (SWS): |
|-------------------------------|----------------------|-------------------------------------------------|
|                               | Referat              | 2 SWS Seminar                                   |

| Prerequisites according to examination regulations: | Recommended prerequisites:  |
|-----------------------------------------------------|-----------------------------|
| keine                                               | Module <i>Visualization</i> |

| Media: | Literature: |
|--------|-------------|
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**Comments:**

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