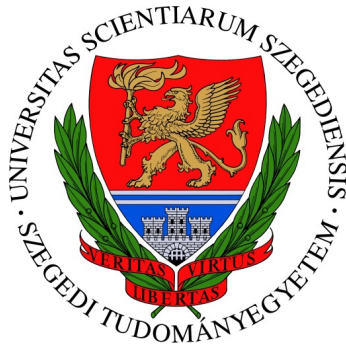


# INTRODUCTION

- Róbert Péter, University of Szeged, robert.peter@ieas-szeged.hu
- Background: digital humanities, English studies, mathematics
- Founding member of DARIAH Bibliodata WG
- Supported by 22 cultural heritage institutions (e.g. national libraries)
- AVOBMAT - Analysis and Visualization of Bibliographic Metadata and Texts) digital tool - [avobmat.hu](http://avobmat.hu)
- Aim: critical and interactive analysis of bibliographic metadata AND texts with data-driven and NLP methods supported by AI techniques in several languages



# PROJECT IDEA

- **Aim:** develop a shared digital humanities platform / lab for exploratory analysis
- Multilingual, user-friendly, web-based & open-access
- Text-, datamining & enriching content and metadata stored by cultural heritage institutions (e.g. library collections at scale)
- Comparative analysis over time (e.g. topic modelling, n-gram viewer, named entity recognition) with interactive visualizations
- Facilitate innovative user-led digital research
- Digital platform can be used in SSH education and training



# RELEVANCE TO THE CALL

## PRESERVING AND ENHANCING CULTURAL HERITAGE WITH ADVANCED DIGITAL TECHNOLOGIES

- ***Building shared digital infrastructure***
- ***Support the development & application of digital tools to make cultural heritage widely accessible through cutting-edge technologies***
- ***Support comparative analysis with artificial intelligence, including analysis across time***
- ***Innovative approaches to R&I including user-led innovation***
- ***Foster the digital transformation of cultural heritage institutions***
- ***Improve innovation and knowledge exchange in the cultural sectors***
- ***DARIAH Bibliodata WG – HOW to preserve & safeguard cultural heritage***

