

## PUBLIC LECTURE EVALUATION

### Masaryk University

<b>Faculty</b>	Faculty of Social Studies
<b>Procedure field</b>	General Psychology
<b>Applicant</b>	Mgr. Čeněk Šašinka, Ph.D.
<b>Lecture date</b>	5 <sup>th</sup> October 2023, 2 p.m.
<b>Lecture topic</b>	New Media in Spatial Information Communication: From Two Dimensions into Full Immersive Three Dimensions
<b>Persons present</b> (10)	
<b>Designated evaluators</b> (board members)	prof. PhDr. David Šmahel, Ph.D. prof. PhDr. Ivo Čermák, CSc. prof. Ing. Igor Farkaš, Dr.

At the beginning of the lecture, Šašinka mentioned the history of research in his field, talked about the key figures of this research, as well as the appearance of the first graphic representations and the first maps of the world. He introduced the functions of external graphical representations. He was speaking about data visualization, e.g. to extrinsic and intrinsic bivariate maps. He presented experimental research devoted to the perception of extrinsic and intrinsic bivariate maps. He presented a series of research comparing monoscopic Pseudo 3D and stereoscopic Real 3D glasses. He also talked about the possibilities of new media and collaborative immersive virtual reality in education. The presentation had very good structure and the applicant demonstrated sufficient presentation and teaching skills. He managed to keep attention and the interest of the audience.

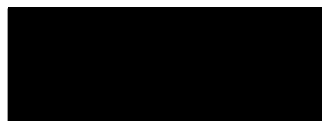
The lecture of the applicant was followed by the discussion with the board members and the audience. He got several questions such as: Are there any individual (e.g. personality) differences in map reading? Why is it good to use the intrinsic maps? What is the future of using virtual reality in education? Šašinka answered all the questions to the satisfaction of the audience and the board members.

### Conclusion

The lecture delivered by Čeněk Šašinka, entitled “Nová media pro komunikaci prostorových informací: ze dvou dimenzí do plně imerzivního trojrozměrného prostředí” and delivered as part of the habilitation appointment procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a habilitation procedure in the field of general psychology.

Date:

prof. PhDr. David Šmahel, Ph.D.



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