

**Příloha 9: Stanovisko habilitační komise k návrhu na jmenování docentem**  
*Annex 9: Habilitation board decision on the nomination for appointment to associate professor*

**Masarykova univerzita/**

**Masaryk University**

**Fakulta/ Faculty**

Fakulta informatiky MU

**Habilitační obor/**

**Habilitation field**

Informatika

**Uchazeč/ Applicant**

Fotios Liarokapis, PhD.

**Pracoviště/ Unit**

Fakulta Informatiky MU

**Habilitační práce/**

**Habilitation thesis**

Interactive Virtual and Augmented Reality Environments

**Složení komise/**

**Board members:**

**Předseda/ Chair**

prof. RNDr. Václav Matyáš, M.Sc., Ph.D.  
Masarykova univerzita – Fakulta informatiky

**Členové/ Members**

doc. RNDr. Vlastislav Dohnal, Ph.D.  
Masarykova univerzita – Fakulta informatiky

doc. RNDr. Andrej Ferko, PhD.  
Univerzita Komenského – Fakulta matematiky, fyziky a informatiky

prof. Dr. Ing. Pavel Zemčík  
Vysoké učení technické v Brně – Fakulta informačních technologií

prof. Ing. Jiří Žára, CSc.  
České vysoké učení technické v Praze – Fakulta elektrotechnická

**Stanovisko habilitační komise/ Habilitation board decision:**

The Candidate, Fotios Liarokapis, PhD., was admitted to the degree of Doctor of Philosophy at the University of Sussex in 2005, Master of Science (Computer Graphics and Virtual Environments) at the University of Hull in 2000, and Bachelor of Engineering with Honours at the University of Sussex in 1998.

His scientific and teaching contributions are primarily in the fields of virtual and augmented reality interfaces, interactive environments, and procedural modelling for virtual and augmented reality.

**Hodnocení vědecké kvalifikace uchazeče/ *Evaluation of the applicant's scholarly qualifications***

**Text hodnocení (rozsah dle zvážení komise)/ *Reviewer's report (extent of text at the discretion of the board)***

According to the information provided in the application of the Candidate, his publication count included 16 journals with impact factor, 5 other journals, 5 book chapters and 50 articles in ISI proceedings. Other scores include 14 invited lectures and editorship of 4 proceedings.

Candidate's publications yielded responses in terms of over a thousand documented Google Scholar citations according to the submitted materials, and a search over SCOPUS indicates over 200 citations without self-citations and H-index 8, and over ISI WOK 88 citations without self-citations, H-index 5.

The Candidate also worked a Senior Lecturer in Computer Science at the Coventry University, UK, in 2007-14, and was a Director of Interactive Worlds Applied Research Group at this university in 2009-14.

***Conclusion: The applicant's scholarly qualifications meet the requirements expected of applicants participating in a habilitation procedure in the field of Informatics at MU.***

**Hodnocení pedagogické způsobilosti uchazeče/ *Evaluation of the applicant's pedagogical experience***

**Text hodnocení (rozsah dle zvážení komise)/ *Reviewer's report (extent of text at the discretion of the board)***

The Candidate has taught at the university level since 2001 (Introduction to Information Technology course at the Bachelor level) and in his field since 2003 (Multimedia course at the Master level), has taught overall 11 courses abroad and 2 regular courses at Masaryk University (since his start in Autumn 2014) – Augmented Reality Interfaces (PA198), Advanced Game Design (PA199). On top of these counts, he was also responsible for 10 seminars and lab courses.

His teaching load, long-term through about ten years, corresponds to the levels expected from Assistant Professors at the Faculty of Informatics, Masaryk University. Also the trend of moving the lecture topics gradually from general subjects to areas closer to the focus of Candidate's research is to be taken to his credit.

As noted above, the Candidate worked a Senior Lecturer in Computer Science at the Coventry University, UK, in 2007-14, and was a Director of Interactive Worlds Applied Research Group at this university in 2009-14.

The Candidate supervised 30 Bachelor thesis (28 successfully defended), 20 Master theses (19 defended) and 3 PhD students (two defended), and participated in examination boards at various levels (incl. PhD) since 2010.

**Conclusion:** *The applicant's pedagogical capabilities meet the requirements expected of applicants participating in a habilitation procedure in the field of Informatics at MU.*

**Hodnocení habilitační práce uchazeče/ Habilitation thesis evaluation**

**Text hodnocení (rozsah dle zvážení komise)/ Reviewer's report (extent of text at the discretion of the board)**

All three external reviewers have very positive views of the submitted thesis and all three concluded that the habilitation thesis submitted by Fotios Liarokapis entitled “*Interactive Virtual and Augmented Reality Environments*” meets the requirements applicable to habilitation theses in the field of Informatics. Illustrative excerpts from their reviews follow:

*Prof. Robert Sablatnig (Vienna University of Technology, Austria):* In all, I find that the skills and achievements of Dr. Liarokapis are clearly sufficient for the habilitation. The submitted habilitation thesis however, could have a better introduction chapter, where the relations between the papers and their connections could have been worked out in more detail. The publication demonstrate his ability to perform independent research using a sound scientific methodology. This will allow him to continue to make important contributions in the area of Interactive Virtual and Augmented Reality for education. I am certain that his research will have a significant impact on the field.

*Prof. Andrew Ware (University of South Wales, United Kingdom):* The Candidate has through a sustained and enviable track record of publications in both journal and peer reviewed conferences, covering several discreet research areas, demonstrated a versatility of thought process and an ability to cross reference ideas... All aspects of the work covered (from Virtual and Augmented Reality through to the application areas of Crowd Modelling and Serious Games) have resulted in publications that are of credit to the Candidate. The citation lists for the Candidate’s publications are testament to the timeliness and value of his contribution.

*Doc. Andrej Ferko (FMPI UK Bratislava, Slovakia):* The author has an excellent orientation in the field, he co-authored even several prominent survey papers. In research papers, he masters recent methodology and original interdisciplinarity... The habilitation thesis submitted corresponds to Computer Science branch of study... The remarkable citation count gives an evidence that this author and his ideas deserve attention and are very vital and inspiring. These numeric parameters would qualify Dr. Liarokapis for an academic degree professor according to criteria of multiple universities in Central Europe.

**Conclusion:** *The habilitation thesis meets the requirements expected of a habilitation thesis in the field of Informatics at MU.*

## Výsledek tajného hlasování komise/ *Secret ballot results*

počet členů komise/ <i>board members</i>			5
počet členů komise přítomných hlasování/ <i>board members present</i>			5
z toho/ <i>of which</i>	5	kladných/ <i>in favour</i>	
	0	záporných/ <i>against</i>	
	0	neplatných/ <i>invalid</i>	

### Návrh komise

Na základě výsledku tajného hlasování následujícího po zhodnocení vědecké kvalifikace, pedagogické způsobilosti a úrovně habilitační práce uchazeče předkládá komise Vědecké radě Fakulty informatiky Masarykovy univerzity návrh

#### **Board decision**

*Based on the outcome of the secret ballot and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and habilitation thesis, the board hereby submits a proposal to the scientific board of the Faculty of Informatics of Masaryk University to*

jmenovat uchazeče docentem v oboru Informatika.  
*appoint the applicant associate professor of Informatics.*

na zastavení řízení.  
*terminate the procedure.*

Brno, dne 1. 12. 2015

prof. RNDr. Václav Matyáš, M.Sc., Ph.D.

doc. RNDr. Vlastislav Dohnal, Ph.D.

doc. RNDr. Andrej Ferko, Ph.D.

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