**D17. Eligibility - Academic level justification**

This letter justifies that Dr. Rubin is at **level C.**

**Claim**: Dr. Rubin has made independent, original and significant contributions to research in his area at the national and international level.

**Justification**: Indeed, he has made significant and important contributions to a number of fields in the area of logic and formal methods: finite and algorithmic model theory, verification of parameterised systems, and most recently formal methods in artificial intelligence and multi-agent systems. Moreover, he has a strong record of publication including **21 ERA A** conference papers: LICS (x5), IJCAI (x4), AAMAS (x4), LPAR (x2), CAV (x1), KR (x1), IJCAR (x1), CONCUR (x1), ICALP (x1), CONCUR (x1); **7 ERA B/C** conference papers;

and **10 journal articles in SJR Q1/Q2** journals. He has been **invited speaker at 8 international workshops** (since 2004), and 12 invited departmental seminars (since 2007). Further, Dr. Rubin has been **awarded two individual fellowships** to pursue his research. The first was a New Zealand Science and Technology Postdoctoral Fellowship (2004-2007) to work on finite and algorithmic model theory at the University of Auckland, New Zealand; and the second a Marie Curie Cofund fellowship (2015-2016) to work on formal methods for multi-agent systems at the University of Naples, Italy.

**Claim**: Dr. Rubin has generously served the scientific community at various level of responsibility.

**Justification**: He has served as **program committee member** of the most important conferences in AI, i.e., AAMAS (2018), IJCAI (2017), AAAI (2018, 2017), as well as international workshops and symposia and national conferences, i.e., SR (2016,2018), GandALF (2016), ECAI (2016)., He has **chaired** and **edited** the international workshop SR 2017, as well as the Italian conference on Theoretical Computer Science ICTCS 2017, as well as **organising** both of these. He **organised** a workshop by invitation only at the University of Naples in Formal Methods, which attracted interest of prime scientists in both formal methods and artificial intelligence, including AI researchers such as Hector Geffner, Mike Wooldridge, Giuseppe De Giacomo, and Michael Fisher (https://sites.google.com/site/fmai2017homepage/home). He is serving as **Guest-editor** of two Special Issues (SR 2017, and ICTCS 2017/CILC 2017). He was **Project co-ordinator** between 2013-2016 for the Handbook of Model Checking, to be published by Springer in December 2017, edited by Edmund Clarke,

Thomas Henzinger, Helmut Veith and Roderick Bloem. He has served as **external reviewer** for the Icelandic Research Fund, and PC member of the IRISA Master Research Internship.

**Claim**: Dr Rubin has contributed to teaching and supervising at the undergraduate, honours and postgraduate level.

**Justification**: Dr Rubin has **supervised undergraduate and masters** students of his own, and has mentored PhD students of other researchers: Dr Rubin has supervised **8 undergraduate** research projects and **1 masters internship**; He has **mentored three PhD** students of Prof. Aniello Murano at the University of Naples between 2015-present, and worked closely with a Phd student of Erich Graedel and solved a 12 year-old conjecture of Courcelle (2008). Dr. Rubin has **taught 4 PhD** courses, and **13 undergraduate** courses.