

CONSILIUL NAȚIONAL DE ATESTARE A TITLURILOR,  
DIPLOMELOR ȘI CERTIFICATELOR UNIVERSITARE  
NATIONAL COUNCIL FOR ATTESTATION OF  
ACADEMIC TITLES, DIPLOMAS AND CERTIFICATES  
(CNATDCU)

RAPORTUL COMISIEI DE ABILITARE  
REPORT OF THE HABILITATION COMMISSION

din data de (date) March 30<sup>th</sup>, 2022

**NUMELE și Prenumele** candidatului (SURNAME and Forename of the candidate):  
SERGIU – ADRIAN DĂRĂBANT

**Titlul tezei de abilitare / direcțiile principale de cercetare** (Title of habilitation thesis / main research areas): MATHEMATICAL AND MACHINE LEARNING MODELS AND TECHNIQUES FOR SOLVING COMPLEX PROBLEMS

**Domeniul de studii universitare de doctorat** (Field of doctoral studies):

INFORMATICĂ / COMPUTER SCIENCE

în care urmează să se confere calitatea de conducător de doctorat (future field of doctoral supervision)

Denumirea **Instituției Organizatoare de Studii Universitare de Doctorat** (IOSUD) / **Instituției Organizatoare de Doctorat** (IOD) unde are loc susținerea publică a tezei de abilitare (Name of the institution organizing doctoral studies (IOSUD), (IOD), where the public defense of the habilitation thesis takes place): Institutul de Studii Doctorale, Universitatea Babeș-Bolyai

**Punctele tari** ale tezei de abilitare (Strong points of the habilitation thesis):

1. impressive knowledge of a wide range of machine learning and computer vision methods
2. creativity in adapting machine learning methods for problem solving
3. well organized future work plans, good background for starting research with PhD students
4. potential to attract research funding

**Punctele slabe** ale tezei de abilitare (Weak points of the habilitation thesis):

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**Rezultatul votului / observații / concluziile comisiei de abilitare** se motivează în continuare (Voting result / observations / premises for the conclusions of the habilitation commission are as follows)

Following the analysis of the thesis and of the candidate's performance during the habilitation defense, the habilitation evaluation commission agreed on the high level of scientific and professional performance of the candidate and decides to grant the habilitation qualification in the field of Computer Science to the candidate assoc.prof. Adrian Sergiu Dărăbant. The commission recommends a better motivation for choosing a certain group of methods for specific group of problems and an increased focus on long term objectives.

(a se continua pe verso – dacă este necesar) (continue overleaf if necessary)

COMISIA DE ABILITARE  
HABILITATION COMMISSION

NUMELE și Prenumele  
SURNAME and Forename

Semnătura  
Signature

1. PROF. UNIV. DR. CRISTEA DAN
2. PROF. UNIV. DR. IONESCU RADU – TUDOR
3. PROF. UNIV. DR. GÜNTER RUDOLPH

