CALL FOR APPLICATIONS FOR THE AWARD OF PRIZES TO THE RESEARCHERS OF THE SCUOLA SUPERIORE SANT'ANNA AFFILIATED WITH THE DEPARTMENT OF EXCELLENCE IN ROBOTICS & A.I. ISSUED BY THE DEPARTMENT COORDINATOR_PROTOCOL NO. 0019043 DATED 17/11/2020

REPORT OF THE SECOND MEETING

The Evaluation Committee for the call for applications for the award of prizes to the researchers of the Scuola Superiore Sant'Anna affiliated with the Department of Excellence in Robotics & A.I., appointed by the Department Coordinator, protocol No. 0019043/2020, consists of:

- Prof. Michela Milano, Full Professor of Information Processing Systems at the University of Bologna, expert in Artificial Intelligence;
- Prof. Bram Vanderborght, Vrije Universiteit Brussel, expert in Materials Science;
- Prof. Mario Enrico Pè, Full Professor of Agricultural Chemistry, Agricultural Genetics and Pedology, Dean of the Faculty of Experimental Sciences.

The Committee convened for the second time, via teleconference, on April 8th 2021, at 10:00 from the following locations:

Prof.	Milano located in Bologna , connected via Cisco Webex.

Prof.	Vanderborght located in Brussel , connected via Cisco Webex.

Prof.	Pè located in Pisa , connected via Cisco Webex.

The President ascertained that all the members of the Committee were connected and declared the session open.

The Committee ascertained that no waivers were transmitted, and each member of the Committee declared to have accessed online and examined the documents submitted by the candidates.

Taking into account the scoring criteria specified in the call and that the maximum score available was determined to be 100 points, the Commission considered that a result achieved below 60 points is not to be considered sufficient to pass the selection.

According to what decided during the first meeting, the Committee defined two rankings, **one for the theme AI** and **one for the theme Materials Science**.

Therefore, the Committee assessed collectively the documentation for each of the two topics and thereafter the Committee summarised the scores assigned to the candidates for each of the two research themes, preparing the two distinct rankings for each research topic.

Artificial Intelligence: Numbers

		1	2	3	4	5	6	7
Candidate First name		Alessandro	Marco	Simona	Egidio	Andrea	Alberto	Paolo
Candidate Last name		Biondi	Controzzi	Crea	Falotico	Mannini	Mazzoni	Tripicchio

Normalized CV score		score	score	score	score	score	score	score
Year of first publication		2014	2008	2012	2009	2008	2005	2008
Academic Age		6	12	8	11	12	15	12

Overall CV (max 60 points)		number	number	number	number	number	number	number
H-index (max 5)	5	11	21	16	13	15	18	8
Citation count (max 5)	5	392	1999	667	593	1224	1180	253
Total # of journals (max 10)	10	16	46	35	29	21	52	15
Total # of conferences (max 10)	10	43	18	23	35	19	6	39
Total producion score (max 30)		16,68	23,03	17,56	18,29	15,09	18,63	14,49
Associate editor	5	1	2	3	3	6	4	0
Conference/Track Chair	5	4	0	1	0	0	0	2
PC member	5	17	2	4	3	2	1	3
Total Edit/PC score (max 15)		10,83	2,25	4,93	3,38	5,59	3,63	3,38
Best paper awards	10	9	1	0	0	1	1	2
Other awards	5	8	5	1	1	5	1	2
Total Award score (max 15)		15,00	4,24	0,63	0,63	4,24	1,74	3,47

Publications		score	score	score	score	score	score	score
Publication 1 (max 10 points)		10	2	2	5	2	5	8
Publication 2 (max 10 points)		10	2	2	2	2	10	4
Publication 3 (max 10 points)		10	2	2	10	2	2	10
Publication 4 (max 10 points)		10	2	2	10	2	6	10
Publication 5 (max 10 points)		10	2	2	10	2	2	8
Total publication score (max 40)		40	10	2	37	2	25	40

Teaching (max 10 points)		number	number	number	number	number	number	number
PhD courses	3	6	1	0	2	2	4	1
Graduate courses	2	0	6	4	5	2	6	13
Undergraduate courses	1	0	2	0	0	0	0	0
Teaching score (max 10)	10	**3,00**	**2,42**	**0,62**	**1,77**	**1,31**	**2,92**	**2,50**
Teaching score norm (max 10)		**10,00**	**8,08**	**2,05**	**5,90**	**4,36**	**9,74**	**8,33**

Third mission (max 20 points)		score	score	score	score	score	score	score
Research Projects (max 12 points) 3 for PI, 2 Coord., 1 participant		9	12	12	12	12	6	12
Spin-offs & startups (max 5 points) 2 punti per spinoff		4	2	2	0	2	2	0
Patents (max 3 points) 1 punto per patent		2	3	2	0	0	1	2
Total 3rd mission score (max 20)	20	**15,00**	**17,00**	**16,00**	**12,00**	**14,00**	**9,00**	**14,00**
Total 3rd score norm (max 20)		**17,65**	**20,00**	**18,82**	**14,12**	**16,47**	**10,59**	**16,47**

Artificial Intelligence: Scores

	1	2	3	4	5	6	7
Candidate First name	Alessandro	Marco	Simona	Egidio	Andrea	Alberto	Paolo
Candidate Last name	Biondi	Controzzi	Crea	Falotico	Mannini	Mazzoni	Tripicchio

Normalized CV score	score	score	score	score	score	score	score
Year of first publication	2014	2012	2010	2010	2010	2010	2010
Academic Age	6	8	10	10	10	10	10

Overall CV (max 60 points)	score	score	score	score	score	score	score
Total Production (**max 30 points**)	16,68	23,03	17,56	18,29	15,09	18,63	14,49
TPC or Edi. Boards (**max 15 points**)	10,83	2,25	4,93	3,38	5,59	3,63	3,38
Recog. & Awards (**max 15 points**)	15,00	4,24	0,63	0,63	4,24	1,74	3,47
Overall CV Score	**42,51**	**29,52**	**23,11**	**22,30**	**24,91**	**24,00**	**21,35**
Normalized CV score	**30,00**	**22,14**	**13,87**	**13,38**	**14,95**	**14,40**	**12,81**

Publications	score	score	score	score	score	score	score
Publication 1 (max 10 points)	10	2	2	5	2	5	8
Publication 2 (max 10 points)	10	2	2	2	2	10	4
Publication 3 (max 10 points)	10	2	2	10	2	2	10
Publication 4 (max 10 points)	10	2	2	10	2	6	10
Publication 5 (max 10 points)	10	2	2	10	2	2	8
Total publication score (max 40)	**40**	**10**	**10**	**37**	**10**	**25**	**40**

Teaching (max 10 points)	score	score	score	score	score	score	score
Teaching score (max 10)	**3,00**	**2,42**	**0,62**	**1,77**	**1,31**	**2,92**	**2,50**
Teaching score norm (max 10)	**10,00**	**8,08**	**2,05**	**5,90**	**4,36**	**9,74**	**8,33**

Third mission (max 20 points)	score	score	score	score	score	score	score
Research Projects (max 12 points)	9	12	12	12	12	6	12
Spin-offs & startups (max 5 points)	4	2	2	0	2	2	0
Patents (max 3 points)	2	3	2	0	0	1	2
Total 3rd mission score (max 20)	**15,00**	**17,00**	**16,00**	**12,00**	**14,00**	**9,00**	**14,00**
Total 3rd score norm (max 20)	**17,65**	**20,00**	**18,82**	**14,12**	**16,47**	**10,59**	**16,47**

Artificial Intelligence: Summary

#	1	2	3	4	5	6	7
First name	Alessandro	Marco	Simona	Egidio	Andrea	Alberto	Paolo
Last name	Biondi	Controzzi	Crea	Falotico	Mannini	Mazzoni	Tripicchio
CV	30,00	22,14	13,87	13,38	14,95	14,40	12,81
Publication	40,00	10,00	10,00	37,00	10,00	25,00	40,00
Teaching	3,00	2,42	0,62	1,77	1,31	2,92	2,50
Third mission	15,00	17,00	16,00	12,00	14,00	9,00	14,00
Total score	88,00	51,57	40,48	64,15	40,26	51,32	69,31

Artificial Intelligence: Ranking

Ranking			
#	First name	Last name	Total score
1	Alessandro	Biondi	88,00
2	Paolo	Tripicchio	69,31
3	Egidio	Falotico	64,15
4	Marco	Controzzi	51,57
5	Alberto	Mazzoni	51,32
6	Andrea	Mannini	47,26
7	Simona	Crea	42,48

Materials Science: Numbers

Candidate First name		Matteo	Stefano	Philippe
Candidate Last name		Cianchetti	Faralli	Velha
Normalized CV score		year	year	year
Year of first publication		2007	2003	2006
Academic Age		13	17	14

Overall CV (max 60 points)		Numbers	Numbers	Numbers
H-index (max 5)	5	30	18	16
Citation count (max 5)	5	4255	892	832
Total # of journals (max 10)	10	57	55	39
Total # of conferences (max 10)	10	49	83	41
Total producion score (max 30)		25,90	23,70	15,43
Associate editor	5	11	0	0
Conference/Track Chair	5	3	0	0
PC member	5	2	2	0
Total Edit/PC score (max 15)		15,00	5,00	0,00
Best paper awards	10	1	0	0
Other awards	5	1	2	0
Total Award score (max 15)		12,50	5,00	0,00

Publications		score	score	score
Publication 1 (max 10 points)		10	3	4
Publication 2 (max 10 points)		10	6	4
Publication 3 (max 10 points)		10	5	7
Publication 4 (max 10 points)		5	6	5
Publication 5 (max 10 points)		6	3	2
Total publication score (max 40)		40	23	22

Teaching (max 10 points)		Numbers	Numbers	Numbers
PhD courses	3	7	9	6
Graduate courses	2	4	2	0
Undergraduate courses	1	0	0	0
Teaching score (max 10)	10	4,33	4,00	2,00

Third mission (max 20 points)		Numbers	Numbers	Numbers
Research Projects (max 12 points) 3 for PI, 2 Coord., 1 participant		12	12	5
Spin-offs & startups (max 5 points) 2 point per spinoff		0	2	0
Patents (max 3 points) 1 point per patent		3	3	3
Total 3rd mission score (max 20)	20	15,00	17,00	8,00

Materials Science: Scores

Candidate First name	Matteo	Stefano	Philippe
Candidate Last name	Cianchetti	Faralli	Velha

Normalized CV score	score	score	score
Year of first publication	2007	2003	2006
Academic Age	13	17	14

Overall CV (max 60 points)	score	score	score
Total Production (max 30 points)	25,90	23,70	15,43
TPC or Edi. Boards (max 15 points)	15,00	5,00	0,00
Recog. & Awards (max 15 points)	12,50	5,00	0,00
Overall CV Score	53,40	33,70	15,43
Normalized CV score	30,00	25,77	14,32

Publications	score	score	score
Publication 1 (max 10 points)	10	3	4
Publication 2 (max 10 points)	10	5	4
Publication 3 (max 10 points)	10	4	7
Publication 4 (max 10 points)	5	5	5
Publication 5 (max 10 points)	6	3	2
Total publication score (max 40)	40	20	22

Teaching (max 10 points)	score	score	score
Teaching score (max 10)	4,33	4,00	2,00

Third mission (max 20 points)	score	score	score
Research Projects (max 12 points)	12	12	5
Spin-offs & startups (max 5 points)	0	2	0
Patents (max 3 points)	3	3	3
Total 3rd mission score (max 20)	15,00	17,00	8,00

Materials Science: Summary

First name	Matteo	Stefano	Philippe
Last name	Cianchetti	Faralli	Velha
CV	30,00	25,77	14,32
Publication	40,00	20,00	22,00
Teaching	4,33	4,00	2,00
Third mission	15,00	17,00	8,00
Total score	89,33	66,77	46,32

Materials Science: Ranking

#	First name	Last name	Total score
1	Matteo	Cianchetti	89,33
2	Stefano	Faralli	66,77
3	Philippe	Velha	46,32

Based on the evaluation the Committee declares worthy of the awards the following candidates:

Artificial Intelligence
Alessandro Biondi
Paolo Tripicchio
Egidio Falotico

Materials Science
Matteo Cianchetti
Stefano Faralli

At the end of the meeting, the Committee decided that the Chairperson would send a signed copy of this agreed minute to Staff Office, together with the declarations of approval by the other members of the Committee. These declarations form an integral part of this agreed minute.

The meeting was adjourned at 1315
THE COMMITTEE
The Chairperson
Prof. Mario Enrico Pè