

## THE RECTOR

Having examined the minutes of the competition proceedings drawn up by the examining board;

## DECREES

### Article 1

1. The documents of the competition **HPSC\_01** – issued by Rectoral Decree no. 816/2025 of 18 June 2025 – for theme-related grants with three separate merit rankings for admission to the PhD programme in **High Performance Scientific Computing**, academic year 2025/2026 (41st cycle), are hereby approved.

### Article 2

1. The following three ranking lists, corresponding to the three advertised themes, drawn up by the examining board following a single selection procedure, are hereby approved:

Theme “**Iterative methods and preconditioners for the efficient solution of sparse linear systems on pre-exascale and exascale computing architectures**” funded by the Institute for Applied Computing “Mauro Picone” (IAC-CNR)

	Candidate	Total out of 100 points	
1	De Biasi Ivan	73	Successful <b>WITH</b> grant
2	Pre-enrolment no. 5	65	Suitable
3	Pre-enrolment no. 7	62	Suitable

Theme “**Development and use of HPC codes for the design and analysis of electronic devices based on advanced and innovative materials, also using AI/ML techniques**” funded by the Department of Information Engineering of the University of Pisa

	Candidate	Total out of 100 points	
1	De Biasi Ivan	73	Successful <b>WITH</b> grant
2	Pre-enrolment no. 5	65	Suitable

Theme “**Computational methods and models for FLASH radiotherapy or for radiobiological investigations of the *Flash* effect**” funded by S.I.T. – Sordina IORT Technologies S.p.A.

	Candidate	Total out of 100 points	
1	<b>Urso Francesco</b>	83	Successful <b>WITH</b> grant
2	<b>Caroti Satia</b>	69	Successful <b>WITH</b> grant
3	Pre-enrolment no. 10	64	Suitable <u>Pending award of degree</u>
4	Pre-enrolment no. 4	61	Suitable

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Prof. Riccardo Zucchi \*

\* Digitally signed electronic document pursuant to Legislative Decree no. 82/2005, as amended, and related regulations, which replaces the paper document and handwritten signature.