

**Concurso para Projetos de Computação Avançada FCT/CPCA-IAC/2023/01- 2ª Edição,  
1º lote, Lista das Candidaturas avaliadas  
Resultado preliminar por tipologia de Acesso**

São apresentadas as seguintes listas ordenadas de candidaturas por tipologia segundo os critérios definidos no aviso de abertura do concurso (ver legenda no final):

• **TIPOLOGIA ACESSO FIXO**

<b>CANDIDATURAS ELEGÍVEIS</b>						
<b>Posição</b>	<b>Referência</b>	<b>Título</b>	<b>Investigador Responsável</b>	<b>Área</b>	<b>Nota Final</b>	<b>Recursos atribuídos</b>
1	<b>CPCA-IAC/AF/592080/2023</b>	AI2Learn – Artificial Intelligence to Learning	Filipe Madeira	Natural Language Processing	<b>7,50</b>	100%
2	<b>CPCA-IAC/AF/594386/2023</b>	Trans-Lighthouses – Citizen Science using GenerativeAI	Francisco Reis	Natural Language Processing	<b>6,71</b>	100%
3	<b>CPCA-IAC/AF/594668/2023</b>	Automatic pre-cancer gastric lesions detection in upper endoscopy videos	Alexandre Neto	Others	<b>8,77</b>	100%
4	<b>CPCA-IAC/AF/594679/2023</b>	Intertidal species identification: an automated approach	Rita da Silva	Others	<b>8,36</b>	100%
5	<b>CPCA-IAC/AF/594904/2023</b>	One billion datasetoids to learn them all - Generating datasets for meta-learning	Guilherme Freire Roberto	Others	<b>8,22</b>	100%
6	<b>CPCA-IAC/AF/589140/2023</b>	Enhancing Industrial and Environmental Modelling with Non-Local Operators in Neural Ordinary Differential Equations	Luís Ferrás	Others	<b>7,75</b>	100%

CANDIDATURAS NÃO ELEGÍVEIS						
Posição	Referência	Título	Investigador Responsável	Área	Nota Final	Recursos atribuídos
1	<b>CPCA-IAC/AF/576314/2023</b>	Solving Distributed Systems' Problems using Generative AI	Diogo Vaz	Others	<b>5,95</b>	0%
2	<b>CPCA-IAC/AF/594695/2023</b>	COSMIC-Cloud-HOST: probing supernova Ia host galaxies and their impact on cosmological parameter estimation in Cloud Computing Environment	Ana Paulino-Afonso	Others	<b>0*</b>	0%

\*Não cumpre com o disposto na secção 6.1 do Aviso de Abertura

- **TIPOLOGIA ACESSO VARIÁVEL**

CANDIDATURAS ELEGÍVEIS						
Posição	Referência	Título	Investigador Responsável	Área	Nota Final	Recursos atribuídos
1	<b>CPCA-IAC/AV/594827/2023</b>	Natural Language Processing based on Graph Machine Learning and Deep Learning for Information Extraction	Mário Rodrigues	Natural Language Processing	<b>9,22</b>	100%
2	<b>CPCA-IAC/AV/594467/2023</b>	Speech recognition for the sound reconstructed using a bio-inspired geometric model	Roman Chertovskikh	Natural Language Processing	<b>8,75</b>	100%
3	<b>CPCA-IAC/AV/594790/2023</b>	TrustAI4Sci: Trustworthy AI for Scientific Applications	Catia Pesquita	Ethical Artificial Intelligence	<b>8,6</b>	100%
4	<b>CPCA-IAC/AV/594693/2023</b>	AstroLingua: Empowering Inclusive Astronomy through AI	Ana Paulino-Afonso	Natural Language Processing	<b>8,39</b>	100%
5	<b>CPCA-IAC/AV/594875/2023</b>	A Trustworthy Large Language Model for Portuguese and English	Joao Magalhães	Natural Language Processing	<b>8,19</b>	100%

6	<b>CPCA-IAC/AV/594794/2023</b>	PTicola - Increasing Computationally Language Resources for Portuguese	Alípio Jorge	Natural Language Processing	<b>7,83</b>	100%
7	<b>CPCA-IAC/AV/589164/2023</b>	HydroEthiX - Integrating Constraints for Sustainable Management of Hydropower Plants: A Transparent and Ethical AI pproach	Cecília Coelho	Ethical Artificial Intelligence	<b>7,77</b>	100%
8	<b>CPCA-IAC/AV/590897/2023</b>	IMPROMPT Image Alteration with Language Prompts	João Silva	Natural Language Processing	<b>7,75</b>	0%
9	<b>CPCA-IAC/AV/594884/2023</b>	OpenAnswer: An open framework to build zero-shot IR-driven QA systems	Sérgio Matos	Natural Language Processing	<b>6,95</b>	0%
10	<b>CPCA-IAC/AV/590724/2023</b>	URRACA - A Fully Fledged Encoder-Decoder for Portuguese and AI	António Branco	Natural Language Processing	<b>6,69</b>	0%
11	<b>CPCA-IAC/AV/591374/2023</b>	Unravelling Fatty Acyl-AMP Ligase substrates in Cyanobacteria through an Integrated Approach of Bioinformatics, Unsupervised Learning, and Natural Language Processing	Leandro de Mattos Pereira	Others	<b>9,26</b>	0%
12	<b>CPCA-IAC/AV/594889/2023</b>	Accelerating Plasma Physics Simulators with Machine Learning	Luís Silva	Others	<b>9,06</b>	0%
13	<b>CPCA-IAC/AV/594649/2023</b>	Accelerating Epistasis Detection using Machine Learning Frameworks	Ricardo Nobre	Others	<b>8,88</b>	0%
14	<b>CPCA-IAC/AV/593200/2023</b>	Artificial intelligence for the automatic identification of grape varieties through images directly acquired on-field	Gabriel dos Santos Carneiro	Others	<b>7,48</b>	0%
15	<b>CPCA-IAC/AV/594415/2023</b>	foldProtein2: structure and topology of bacteriophage proteins	Ana Filipa Ferreira do Vale	Others	<b>7,26</b>	0%
16	<b>CPCA-IAC/AV/594898/2023</b>	Using AI in industrial automation programming: the needs for industry competitiveness and academic education	Inácio Fonseca	Others	<b>7,23</b>	0%
17	<b>CPCA-IAC/AV/594910/2023</b>	GPU-Accelerated Bayesian Structural Equation Modeling: The Advent for	Jorge Fernando Pereira Sinal	Others	<b>7,23</b>	0%

		Computationally Demanding Models?				
18	<b>CPCA- IAC/AV/594683/2023</b>	PIColl - Physically-Informed machine learning for Collision risk prediction and mitigation	Cláudia Soares	Others	<b>7,12</b>	0%
19	<b>CPCA- IAC/AV/590994/2023</b>	IMAGEXT Externalizing internal imagery through multimodal language and image processing	Luís Gomes	Others	<b>6,85</b>	0%
20	<b>CPCA- IAC/AV/590693/2023</b>	Deep adversarial generative models for data augmentation in anomaly detection	José Valente de Oliveira	Others	<b>6,43</b>	0%
21	<b>CPCA- IAC/AV/594778/2023</b>	Nova SBE Data for a Better Future Initiative	Rodrigo Belo	Others	<b>5,83</b>	0%

<b>CANDIDATURAS NÃO ELEGÍVEIS</b>						
<b>Posição</b>	<b>Referência</b>	<b>Título</b>	<b>Investigador Responsável</b>	<b>Area Preferencial</b>	<b>Nota Final</b>	<b>Recursos atribuídos</b>
1	<b>CPCA- IAC/AV/594694/2023</b>	Multi-Service/Multi-Language Speech-to-Text and Subtitle Embedding API using Proprietary Engine Deployed in Kubernetes	Afonso Neto	Natural Language Processing	<b>6,94</b>	0%
2	<b>CPCA- IAC/AV/588638/2023</b>	Exploring deep-learning algorithms for NIR spectral translation in Chemometrics	Dário Passos	Others	<b>5,4</b>	0%
3	<b>CPCA- IAC/AV/576314/2023</b>	Fire & Smoke Detection using computer vision	Jaime Santos	Others	<b>2,81</b>	0%

\*Não cumpre com o disposto na secção 6.1 do Aviso de Abertura

## Legenda da tabela

**Referência** referência FCT da candidatura.

**Título / Title** Título do projeto no qual se insere a candidatura.

**Investigador Responsável** nome do investigador principal.

**Nota Final** Nota final atribuída à candidatura após avaliação de acordo com o Aviso de Abertura do presente Concurso.