



## Workshop CIM & Enterprises

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On the 26th of November of 2021, the Workshop CIM & Enterprises was held virtually. It was promoted and organized by CIM, *the International Center for Mathematics*, in collaboration with PT-MATHS-IN, the *Portuguese Network of Mathematics for Industry and Innovation*.

Mathematics is an abstract science but also an undoubtedly powerful tool to address challenging problems that arise in very different disciplines, such as physics,

engineering, computer science, data science, pharmacy, medicine, biology, among many others. The main objective of this workshop was to promote communication, collaboration, and transfer of knowledge between research centers in mathematics and companies, through successful case studies of emerging mathematical applications. This event intended to potentiate opportunities for joint research or to promote new industry and

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services careers for young researchers in mathematics.

With a target audience of researchers, technical staff, undergraduate and graduate students (PhD students or Postdoctoral fellows), with interest in challenging math-

ematical applications, the workshop counted with 35 participants, engaged in lively discussions with the speakers representing the seven invited enterprises, namely:

<b>Marta Simões</b>	<i>What can maths do for drug development?</i>	Bluepharma
<b>Rui Correia</b>	<i>Juggling speed, cost and quality on the road towards data excellence</i>	Defined.ai
<b>Jacopo Bono</b>	<i>Managing RiskOps with machine learning</i>	Feedzai
<b>Hugo Penedones</b>	<i>Scientific machine learning</i>	Inductiva Research Labs
<b>Luís Pinheiro</b>	<i>Structured products</i>	NOVA IMS
<b>Jens Mühlsteff</b>	<i>Applied mathematics in Philips research</i>	Philips
<b>Ricardo Saldanha</b>	<i>The role of applied mathematics in reducing costs and emissions in public transport: the SISCOG case</i>	SISCOG

Further information on the event can be found at <https://www.cim.pt/agenda/event/220>