DC9 – Open Position

Position Description	
Reference	DC9
Project title	Training methods for hybrid models
Recruiting Institution	RWTH Aachen University
Secondment	Short secondments in CINEMA academic and industrial partners are expected
Expected Start Date (estimated)	July 1st, 2023 (or earlier if possible)

Job Offer Description	
Keywords	Machine learning, models
Objectives	Develop and implement training methods for hybrid and dynamic models
Expected Results	(i) develop methods for training of hybrid models (ii) adjust existing external training tools, e.g. Tensorflow and KERAS. (iii) improve in-house tool HybridML
Supervisors	Prof. Alexander Mitsos

Vacancy requirements	
Qualifications	MSCA-recruiting rules are applied: not having resided in Germany for more than 12 months in the 3 years immediately before the recruitment date, and not having carried out their main activity (work, studies, etc.) in Germany during this period. Having a master degree or equivalent diploma, and not having a doctoral degree. Master's degree in chemical/process engineering, polymer engineering, computational engineering, mathematics, computer science, energy systems engineering, or a related subject
Languages	Excellent command of written and spoken English is a must
Skills	Ability for research management, dissemination, communication with colleagues and supervisors, strong teamwork spirit, creativity and problem solving. Solid programming skills, solid knowledge of machine learning
Experience	Research experience in the academic or industrial sector will be considered

Job Details	
Salary	Salary and benefits will follow the rules of the MSCA-DN, as foreseen in the Marie Skłodowska-Curie Actions Work Programme. Gross salary per month in Germany: (3400€ per month*CCC Germany (98,3%)) 3342,20€ + 600 € mobility allowance
Other benefits	Other benefits: Gross family allowance: 660€ per month - if applicable* *The family allowance will also be made available to researchers whose parental status changes during their project.
Duration	36 months
Type of contract	Full time
Place of work	Aachen (Germany). RWTH Aachen University