

LUCA DI STASIO
Postdoctoral Researcher

Discovery Boulevard, G-3900, KAUST, Thuwal, Saudi Arabia

D-CPR Certified
(+966) 53 419 70 84

Driving License B (IT)
luca.distasio@gmail.com

Dear Hiring Team,

My 10 years of experience in developing and managing international research projects both as a leader and collaborator, along with my multidisciplinary background, provide me with the skills to help DEWA develop robotic solutions for safe operations on high voltage power lines in a Senior R&D Researcher capacity.

During my professional journey I contributed to projects in several fields, from ankle biomechanics to the design of nano-sized electromagnetic sensors, from modeling and prediction of damage in fiber-reinforced composites to multi-scale modeling of wood, from coupled fluid-structure interaction to large displacement analysis of cracking in hydrogels. I offer proficiency in several CAD and CAE tools, as well as computational methods of solid mechanics, fluid mechanics, fracture and damage mechanics, mesh generation and computational geometry. I have multiple years of experience in mechanical testing and I am expert in several programming languages, as outlined in my CV.

The opportunity of living and working in several countries has allowed me not only to become fluent in different languages but most importantly to master cross-cultural communication skills. Flexibility, adaptability, and rapid response to change are qualities that I have nurtured by navigating multiple work environments. Honesty, transparency, and a positive attitude towards challenges have helped me earn the trust of colleagues and management alike. The ability to communicate candidly in the workplace has allowed me to build a broad network across different countries and scientific fields.

I am eager to put my skills and experience in service of DEWA's mission, and I am confident we should arrange a time to meet. In the meantime, I wish to thank you for taking the time to consider my application and review my qualifications.

Sincerely,
Luca Di Stasio