**Post-doc position** (2 years) at University of Dubrovnik, within Conduction (Optimal control and model reduction for evolution and data driven problems) project.

**Starting Date**: Negotiable, with a preference on February 1, 2025.
The initial appointment is for one year, with the possibility of renewal based on the performance.

**Salary (gross):** approx. 2.800€.

**Responsibilities**: The candidate will work on problems related to the Work packages 1 and 2 (Optimal control problems for evolution systems. Spectral analysis of Gramian operators, Lyapunov and Riccati equation) of the project. Special intention will be given to interactions among control theory and machine learning. He/she will be expected to work effectively within the project team, to have the ability to develop and apply new concepts, to write numerical codes and run the simulations, as well as to write clearly and concisely for publication.

**Require qualifications**:

- a PhD in Mathematics or Applied Mathematics, or related field, at the time of the appointment,
- a high-level experience in control theory,
- good knowledge of English (oral/written).

**Additional preferences** will be given to candidates:

- with experience in Machine Learning and/or Partial Differential Equations and/or Numerical Analysis,
- with a successful research record,
- able to develop computational codes (Python and/or MATLAB).

**How to Apply for the Position:** To apply, candidates must email to conduction24@unidu.hr the following: a CV, with a detailed research record and the list of publications, and two letters of recommendation.

**Deadline:** The call is open until appropriate candidate is selected.

**Contact:** For additional information feel free to reach out to conduction24@unidu.hr .

(Feel free to share this information with your colleagues/friends)