

Head of Research

Power Electronic Systems (M/F)

(Ref. PES_PERM_122020)

Company: R&D Center located in Rennes (35, France)

Member of international Japanese Group

<http://www.mitsubishielectric-rce.eu/>

Duration: undetermined term period (CDI), starting as soon as possible

Context and description:

MITSUBISHI ELECTRIC is one of the leading manufacturers of power electronic products spanning from power devices and modules to HVDC. As MITSUBISHI ELECTRIC Group's subsidiary, MITSUBISHI ELECTRIC R&D CENTRE EUROPE (MERCE) includes the "Power Electronic Systems" Division (PES) performing fundamental research on integration and reliability aspects of Power Electronics.

MERCE research lab, located in Rennes (France – Bretagne [35]), is looking for its **Head of Research** of the **Power Electronic Systems division**, who will have the following duties and responsibilities:

- Management of the division (15 researchers)
- Management of R&D strategy, activities and resource planning
- Development of collaborations inside Mitsubishi Electric group
- Development of external partnerships with European academic institutions and consortia
- Management of standardization activities
- Budget management
- Representation the division inside and outside Mitsubishi Electric group
- Management of technical reports, patents and scientific publications

Essential qualifications:

- At least 15 years of experience in research (including PhD) in power electronics through a public or private R&D laboratory (industrial experience is a plus)
- Technical and management experience in advanced power electronics research related to components and systems such as: power modules, converter integration, design and control, intelligent gate drivers, reliability, condition monitoring
- Familiarity with experimental lab environment and simulation/modelling/analysis tools such as PSIM, MATLAB/Simulink, COMSOL
- Experience of implementing new technologies

Personal Profile:

- Open-mindedness, capacity to work in a multicultural and international environment.
- Ability to work across multiple tasks methodically and efficiently and meet committed timescales
- Motivated to work in dynamic environment and adaptable to changes in priority
- Excellent communication and interpersonal skills: ability on sharing information with team players (must show evidences of team-working and team building) of presenting the technical achievements in a comprehensive and appealing fashion, of adapting the content to the audience
- First approach/experience of Japanese culture is a plus
- Fluent English
- Availability for business trips abroad

Contact:

Madam Magali BRANCHEREAU (Human Resources),

Please send your CV and motivation letter in English in pdf format by email (in object: your name + the reference PES_PERM_122020) to : jobs@fr.mercede.mee.com