Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute the expertise of their qualified employees to the activity described below.

Start date: Asap	*Duration:* One year, possible extension to a maximum of up to three years.

Project/Activity: Software Engineering

Detailed description of Activity:

- Contribute to the evolutive maintenance of the existing PLM/PDM software (EDMS and SmarTeam)
- Participate in testing and code reviews, prepare technical and end-user documentation
- Provide user support
- Analyze requirements coming from the engineering community in the scope of engineering data management, in particular CAD and PLM
- Design and develop Proof Of Concept application(s) and the final production system based on the off-the-shelf products, focusing on implementation of use cases tailored for CERN environment (Java, JEE, Spring, .NET, HTML5, CSS, JavaScript)
- Carry out web service and DB integrations with existing tools and services
- Prepare and carry out data migrations to the new platform.

Profile: Software engineer. Experience in software design and development, specifically in the domains of web development and relational databases.

Specific details: Good knowledge of Java/.NET and SQL programming languages, knowledge of web technologies (HTML5, CSS, JavaScript), familiarity with SCRUM methodology would be an advantage. Good level of English.

Status at CERN: Associated Member of the Personnel (Project Associate).

Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.

Option: Collaborating institutes and universities can propose to support the activity of the qualified employees participating in this "Call for contribution of expertise" with students or other employees. Their status and Subsistence allowance when applicable will be adapted to their relation with their institutions

Contact person: Isabel Bejar Alonso	*Reference:* 2017_2Q_007