

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name **FRICONNEAU JEAN-PIERRE**
Address
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Nationality French
Date of birth

WORK EXPERIENCE

- 2018 – Today.** CEA – IRFM, Cadarache – 13115 ST Paul-Lez-Durance France
- Responsible officer for Nuclear & System Engineering project in ITER Test Blanket Module Development, in particular for the TBM auxiliary equipment Nuclear plant design.
 - Responsible Officer for the CEA contribution in Euro fusion DEMO project 2021-2027 in the field of Remote Maintenance.
- 2008 – 2018** ITER organisation, 13115 ST Paul-Lez-Durance France
- Responsible Officer for the Nuclear transport equipment development in ITER Facility.
 - Responsible Officer for Hot Cell facility process development
 - French ISO expert for Remote handling
- 1996 – 2008** CEA –LIST, Rue de la Fédération, 75015 Paris France
- Head of CEA unit – Robotics and Interactive Systems.
 - Head of CEA laboratory – Prototyping for Robotics
 - Research Engineer in R&D for Remote Handling systems,
- 1991-1996** AT Nutech, 78000 Montigny le Bretonneux, France
- Engineer, Project manager in Robotics for Hazardous environment & service robotics
- 1990-1991** BERTIN Technologies , 78000 Montigny le Bretonneux Plaisir France
- Research Engineer in Service Robotics

EDUCATION AND TRAINING

1990	Engineer, Diploma of Ecole Centrale de Nantes University of Nantes diploma in Robotics field.
MOTHER TONGUE	[FRENCH]
OTHER LANGUAGES	[ENGLISH]

RECENT PUBLICATIONS

- [1] J.-P. Friconneau, V. Beaudoin, A. Dammann, C. Dremel, J. Martins, et C. S. Pitcher, « ITER hot Cell—Remote handling system maintenance overview », *Fusion Engineering and Design*, janv. 2017.
- [2] J. P. Friconneau et al., « ITER remote maintenance system configuration model overview », *Fusion Engineering and Design*, vol. 86, no 9–11, p. 1903-1906, oct. 2011.
- [3] P. Garrec, Y. Measson, R. Gelin, J.-P. Friconneau, P. Desbats, et A. Riwan, « Téléopération : les applications en zone contrôlée », *Techniques de l'ingénieur*, p. 15, 2010.
- [4] J.-C. Hatchressian et al., « Development of an inspection robot under iter relevant vacuum and temperature conditions », *Journal of Physics: Conference Series*, vol. 100, no 6, p. 062031, mars 2008.
- [5] J. P. Friconneau, « R&D issues to reach operational level for ITER divertor remote handling equipments », *Fusion Engineering and Design*, vol. 74, no 1–4, p. 59-65, nov. 2005.
- [6] Y. Perrot, L. Chodorge, P. Desbats, J.-P. Friconneau, et G. Piolain, « Scale One Field Test of a Long Reach Articulated Carrier for Inspection in Spent Fuel Management Facilities », *10th ANS - Conference on Robotics and Remote Systems*, vol. 10, no 383-390, 2004.
- [7] J.-P. Friconneau et al., « Overview of Bore Tools Systems for divertor remote maintenance of ITER », *Fusion Engineering and Design*, vol. 58–59, p. 481-486, nov. 2001.
- [8] J.-P. Friconneau et Y. Perrot, « Development of a long reach articulated carrier for inspection in spent fuel management facilities », *ANS, Seattle, USA*, 2001.