CV_Flavio Crisanti

Key Person Name	Flavio CRISANTI
Firm name and location	Assoc. EURATOM/ENEA/CREATE ENEA-Frascati V. E. Fermi 45, 00044 Frascati, Italy Email: Crisanti@frascati.enea.it
Professional services in this contract	Scientist Expert/Collaborator
Years experience - total	37
Years experience - with current firm	33
Education (degree and specialization)	[1978] Degree (magna cum laude), Physics, Univ. "La Sapienza" Rome, Italy
Current professional registration (state and discipline)	Responsible of DDT Project Proposal
Other professional qualifications (Awards, Publications, Organizations, Training, etc.)	[1978-82] ENEA Fellowship to work on FT Experiment equilibrium ; 2) Euratom Fellowship in ASDEX to work on the Position Feed-Back system. [1982-89] Responsible of the FT Magnetic Measurements ; 2) Design and Realization of the FTU Magnetic Measurements; 3) Development of the Equilibrium Codes Fixfree and Odin; 4) First Studies of JET Equilibrium Properties and discover of the possibility of Getting X Shape Plasma In JET. [1986-89] Design and Realization of the FTU Plasma Control System; 2) Analysis of JET Current distribution Profiles by linking together the Equilibrium code and the Polarimetric Measurements. [1990-94] Coordination of t the FTU first Plasma Commissioning; 2) Responsible of the FTU Operation Group; 3) Studies about the plasma-wall interaction on; 4) Experiment with different Limiter materials on FTU. [1994-00] Responsible of FTU Plasma Operations and FTU Experimental Program; 2) Design and Realization of a completely new FTU Control System. [1997-02] Collaboration with JET Experiments with Plasma highly Triangular; 2) Studies about the role played by Plasma shaping nn JET ITBs experiments. [2000-04] Responsible of the Project to re-build the Plasma Shaping Control on JET (XSC Project) [2001-07] DEPUTY TASK FORCE LEADER for the Advanced Scenarios Task Force (TF S2) on JET . [2004-09] Responsible for the Design of the Project to completely re-building the JET Vertical Control System (Project PCU-1); 2) Coordinator of all the Italian Groups working on Plasma Control ; 3) Responsible for the Implementation and Commissioning of the JET Vertical Control System (Project PCU-2) [2008-09] Scientific Coordinator o f the JET Experiment: " High Triangularity Hybrid Confinement Optimization"; 2) Responsible of the Design Group for the FAST Proposal as a next European ITER satellite. [2009-2014] Leader of the Italian Association Design Team for the FAST Proposal as a next European ITER satellite. [2011-2013] Member of the PPPT Advisory Panel Board. [2011-…] Member of the Fusion For Energy Technical Advisory Panel (TAP) [2014-…] Leader of the Italian Association Design Team for the DTT Proposal as a next European ITER satellite. [2014-…] Member of the European Panel for the Assessment of the General EU-China agreement on Fusion
Knowledge of English language	Excellent
Understanding (Low/Medium/High)	High
Speaking (Low/Medium/High)	High
Technical writing(Low/Medium/High)	High
Other brief remarks	