## PEER-Reviewed Publications in Scientific Journals/Conference Proceedings/Book Chapter

## 2011-2012 Reprints (137)

1. Thickness-dependent Fcc–Hcp Phase Transformation in Polycrystalline Titanium Thin Films
   J. CHAKRABORTY, KISHOR KUMAR, RAJEEV RANJAN, S. GHOSH CHOWDHURY, S.R. SINGH
   *Acta Materialia*, ***59***, *2615-2623, 2011*

2. Introduction to Neoclassical Tearing Modes and the Role of Rotation
   ABHIJIT SEN
   *Fusion Science and Technology*, ***59***, *526-538, 2011*

3. Coherent Vortices in Strongly Coupled Liquids
   ASHWIN J. and R. GANESH
   *Physical Review Letters*, ***106***, *135001*, 2011

4. Role of Fluctuations and Flows in Sustaining Mean Profiles in a Current Less Toroidal Plasma
   T. S. GOUD, R. GANESH, Y. C. SAXENA, D. RAJU, K. SATHYANARAYANA, K. K. MOHANDAS, and C. CHAVDA
   *Physics of Plasmas*, ***18***, *042310, 2011*

5. Relativistic Effects on Nonlinear Lower Hybrid Oscillations in Cold Plasma
   CHANDAN MAITY, NIKHIL CHAKRABARTI, and SUDIP SENGUPTA
   *Journal of Mathematical Physics*, ***52,*** *043101, 2011*

6. A Sniffer Technique for an Efficient Deduction of Model Dynamical Equations using Genetic Programming
   D.P. AHALPARA, A. SEN
   *Lecture Notes in Computer Science,* ***6621****, 1-12, 2011*
   14th European Conference on Genetic Programming, EuroGP 2011, Torino, Italy, 27-29 April 2011

7. Experimental Investigation of Oscillatory Structures in Laser-Blow-Off Plasma Plume
   RAJNEESH KUMAR, AJAI KUMAR, R.K. SINGH and JINTO THOMAS
   *Physics Letters A*, ***375***, *2064-2070, 2011*

8. On the Ground and Excited State Dipole Moments of Dansylamide from Solvatochromic Shifts of Absorption and Fluorescence Spectra
   N. TEWARI, N.K. JOSHI, R. RAUTELA, R. GAHLAUT, H.C. JOSHI and S. PANT *Journal of Molecular Liquids*, ***160***, *150-153, 2011*

9. Resonance Hairpin and Langmuir Probe-Assisted Laser Photodetachment Measurements of the Negative Ion Density in a Pulsed Dc Magnetron Discharge
   JAMES W. BRADLEY, ROBERT DODD, S.-D. YOU, NISHANT SIRSE, and SHANTANU KUMAR KARKARI

*Journal of Vacuum Science & Technology A*, ***29***, *031305, 2011*

10. Experimental Study of Electromagnetic Band Gaps using Plasmas or Defaults in a Metallic Photonic Crystal
    RAJNEESH KUMAR
    *Microwave and Optical Technology Letters*, ***53***, *1109–1113, 2011*

11. Effects of Harmonic Overlap and Polarization Scrambling on Electron Cyclotron Emission from ITER Plasma
    S. DANANI, HITESH KUMAR B. PANDYA, P. VASU, M. E. AUSTIN
    *Fusion Science and Technology*, ***59***, *651-656, 2011*

12. Progress in the Development of the ITER ECE Diagnostic
    V. S. UDINTSEV, G. VAYAKIS, A. E. COSTLEY, K. M. PATEL, C. S. PITCHER, C. I. WALKER, M. J. WALSH, M. BENCHIKHOUNE, D. BORA, A. DAMMANN, M. A. HENDERSON, B. LEVESY, A. TESINI, S. DANANI, H. PANDYA, P. VASU, M. E. AUSTIN, P. E. PHILLIPS, W. L. ROWAN, R. FEDER, D. JOHNSON
    *Fusion Science and Technology*, ***59***, *678-683, 2011*

13. Excitation of Ion Rarefaction Waves in a Low Pressure Plasma by Applying a Short High Negative Voltage Pulse
    S. KAR, S. MUKHERJEE, and Y. C. SAXENA
    *Physics of Plasmas*, ***18***, *053506, 2011*

14. Strain Measurement on Superconductor Joints using an External Bridge Completion Technique
    YOHAN KHRISTI, KALPESH DOSHI, SUNIL KEDIA and SUBRATA PRADHAN
    *Measurement Science and Technology*, ***22***, *065102, 2011*

15. Ordered Ag Nanocluster Structures by Vapor Deposition on Pre-patterned SiO2
    SATOSHI NUMAZAWA, MUKESH RANJAN, KARL-HEINZ HEINIG, STEFAN FACSKO and ROGER SMITH
    *Journal of Physics: Condensed Matter*, ***23***, *222203, 2011*

16. Image Analysis of Expanding Laser-Produced Lithium Plasma Plume in Variable Transverse Magnetic Field
    AJAI KUMAR, SONY GEORGE, R.K. SINGH, HEM JOSHI and V.P.N. NAMPOORI
    *Laser and Particle Beams*, ***29***, *241-247, 2011*

17. Study on Plasma Parameters and Dust Charging in an Electrostatically Plugged Multicusp Plasma Device
    B. KAKATI, S. S. KAUSIK, B. K. SAIKIA, and M. BANDYOPADHYAY
    *Physics of Plasmas*, ***18***, *063704, 2011*

18. Effect of Transverse Magnetic Field on the Laser-Blow-Off Plasma Plume Emission in the Presence of Ambient Gas
    A.KUMAR, R.K.SINGH, H. JOSHI

*Spectrochimica Acta - Part B Atomic Spectroscopy*, ***66***, *444-450, 2011*

19. A Simple Coaxial Ceramic Based Vacuum Window for Vacuum Transmission Line of ICRF System
    D. RATHI, K. MISHRA, S. GOERGE, A. VARIA, S. V. KULKARNI, and ICRH TEAM
    *AIP Conference Proceedings of the 19th Topical Conference on Radio Frequency Power in Plasmas, Newport,* ***1406,*** *109-112, 2011*

20. Direct Electron Heating Observed by Fast Waves in ICRF Range on a Low-Density Low Temperature Tokamak ADITYA
    K. MISHRA, S. KULKARNI, D. RATHI, A. VARIA, H. JADAV, K. PARMAR, B. KADIA, R. JOSHI, Y. SRINIVAS, R. SINGH, S. KUMAR, S. DANI, A. GAYATRI, R. YOGI, M. SINGH, Y. JOISA, C. RAO, S. KUMAR, R. JHA, R. MANCHANDA, J. GHOSH, P. ATREY, S. BHATT, C. GUPTA, P. CHATTOPADHYAYA, A. CHATTOPADHYAYA, R. SRINIVASAN, D. BORA, P. KAW, and ADITYA TEAM
    *AIP Conference Proceedings of the 19th Topical Conference on Radio Frequency Power in Plasmas, Newport,* ***1406****, pp. 257-260, 2011*

21. Long Pulse Operation with the ITER-Relevant LHCD Antenna in Tore Supra
    A.EKEDAHL, L. DELPECH, M. GONICHE, D. GUILHEM, J. HILLAIRET, M. PREYNAS, P. K. SHARMA, J. ACHARD, Y. S. BAE, X. BAI, C. BALORIN, Y. BARANOV, V. BASIUK, A. BECOULET, J. BELO, G. BERGER-BY, S. BREMOND, C. CASTALDO, S. CECCUZZI, R. CESARIO, E. CORBEL, X. COURTOIS, J. DECKER, E. DELMAS, B. J. DING, X. DING, D. DOUAI, R. DUMONT, C. GOLETTO, J. P. GUNN, P. HERTOUT, G. T. HOANG, F. IMBEAUX, K. KIROV, X. LITAUDON, P. LOTTE, P. MAGET, R. MAGNE, J. MAILLOUX, D. MAZON, F. MIRIZZI, P. MOLLARD, P. MOREAU, T. OOSAKO, V. PETRZILKA, Y. PEYSSON, S. POLI, M. PROU, F. SAINT-LAURENT, F. SAMAILLE
    *AIP Conference Proceedings of the 19th Topical Conference on Radio Frequency Power in Plasmas, Newport,* ***1406****, pp. 399-406, 2011*

22. Lower Hybrid Current Drive Efficiency at High Density on Tore Supra
    M. GONICHE, P. K. SHARMA, V. BASIUK, Y. BARANOV, C. CASTALDO, R. CESARIO, J. DECKER, L. DELPECH, A. EKEDAHL, J. HILLAIRET, K. KIROV, D. MAZON, T. OOSAKO, Y. PEYSSON, and M. PROU
    *AIP Conference Proceedings of the 19th Topical Conference on Radio Frequency Power in Plasmas, Newport,* ***1406****, pp. 407-410, 2011*

23. Bremsstrahlung Emission Modelling and Application to Fast Electron Physics
    J. DECKER, Y. PEYSSON, J. F. ARTAUD, V. BASIUK, S. CODA, A. EKEDAHL, S. GNESIN, M. GONICHE, D. MAZON and P. SHARMA
    *AIP Conference Proceedings of the 19th Topical Conference on Radio Frequency Power in Plasmas, Newport, 1406, p. 447-450, 2011*

24. 42GHz 0.5MW ECRH system for Tokamaks SST-1 and Aditya
    B.K.SHUKLA, R.GOSWAMI, R. BABU, J.PATEL, P.K.CHATTOPADHYAY, R.SRINIVASAN, H.PATEL, P.DHORAJIA

*IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052321**, 26-30 2011*

25. SST-1 Status & Plans
    S. PRADHAN, A.N.SHARMA, V.L.TANNA, Z.KHAN, U.PRASAD, D.C.RAVAL, F.KHAN, N.C.GUPTA, J.TANK, M.K.GUPTA, P.SANTRA, P.BISWAS, H.MASAND, D.SHARMA, A.SRIVASTAVA, H.PATEL
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052353**, 26-30 2011*

26. Development of CuCrZr Alloy for Applications in Neutral Beams
    C. ROTTI, A.K.CHAKRABORTY, I. AHMED, G.ROOPESH, M.BANDYOPADHYAY, M.J.SINGH, SEJAL SHAH, A.PHUKAN, R.K.YADAV, N. PANDA, K. BALASUBRAMANIAN
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052213**, 26-30, 2011*

27. High power test of CVD diamond window for ECRH system in SST-1
    B.K.SHUKLA, R. BABU, M. KUSHWAH, K. SATHYANARAYANA, J. PATEL, S.L. RAO, D. PRAGNESH, H. PATEL, S. BELSARE, R. VIPAL, S.D. PATEL, B. VISHAL, A.S. PRIYANKA, S. ANJALI, S. RONAK, M. SHMELEV, Y. BELOV, V. BELOUSOV
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052320**, 26-30, 2011*

28. A Plasma Source for High Power Microwave Interaction Studies
    V.P. ANITHA, PRIYAVANDNA J. RATHOD, RENU BAHL, JAYESH RAVAL, Y.C. SAXENA, ANURAG SHYAM, AMITA DAS AND P.K. KAW
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **5993096,** 26-30, 2011*

29. Study of EMHD Waves in a Magnetic Bubble
    V.P. ANITHA, S.P. BANERJEE, D. SHARMA AND S.K. MATTOO
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **5993051,** 26-30, 2011*

30. Design, development, testing and operation of Regulated High Voltage power Supplies (RHVPS) utilized by NBI and RF heating systems for SST1
    P. J. PATEL, C. B. SUMOD, D. P. THAKKAR, L.N. GUPTA, V. B. PATEL, L. K. BANSAL, K. QURESHI, V. VADHER , N. P. SINGH, U.K. BARUAH
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052332,** 26-30, 2011*

31. General and Crevice Corrosion Study of the Materials for ITER Vacuum Vessel In-Wall Shield
    H.A. PATHAK, R.K. DAYAL, V.K. BAFNA, I. KIMIHIRO, V. BARABASH
    *IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052259**, 26-30, 2011*

32. Development of & Integration of the IC H&CD System Configuration in the ITER Tokamak Complex and Auxiliary Buildings
    D. RATHI, B. BEAUMONT, B. ARAMBHADIYA, B. BECKETT, B. BRUYERE, T. GASSMANN, F. KAZARIAN, P. LAMALLE, E. MANON, T. ALONZO, U. BARUAH, R. KUMAR, A. MUKHERJEE, N.P. SINGH, R. SINGH, R. TRIVEDI, R. GOULDING, R. MOON, D. RASMUSSEN, D. SWAIN, G. AGARICI, L. MEUNIER, M. MILLS, R. SARTORI,

J.-M. BERNARD, F. DURODIE, M. NIGHTINGALE, M. SHANNON, D. LOCKLEY, and ITER ORGANIZATION
*IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052322**, 26-30 2011*

33. Multi-secondary Transformer: A Modeling Technique for Simulation
A.PATEL, N.P. SINGH, B. RAVAL, A. ROY, A. THAKAR, D. PARMAR, H. DHOLA, R. DAVE, S. GAJJAR, V. GUPTA, U. BARUAH, V. TRIPATHI, L. N. GUPTA, and P. PATEL
*IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052231**, 26-30 2011*

34. Two RF Driver Based Negative Ion Source for Fusion R&D
M. BANDYOPADHYAY, M.J.SINGH, G.BANSAL, A.GAHLAUT, K.PANDYA, K.G.PARMAR, J.SONI, IRFAN AHMED, G.ROOPESH, C.ROTTI, S.SHAH, A.PHUKAN, R.K.YADAV and A. K. CHAKRABORTY
*IEEE/NPSS 24th Symposium on Fusion Engineering (SOFE), Chicago, **6052313**, 26-30 2011*

35. Study of Structure Development of Titanium Nitride on Inclined Substrates
K. KISHOR KUMAR, P.M. RAOLE, P.A. RAYJADA, N.L. CHAUHAN, S. MUKHERJEE
*Surface and Coatings Technology, **205**, S187-S191, 2011*

36. Fluorescence Studies of Some Protonated Cinchona Alkaloids in Polymers
NEERAJ KUMAR JOSHI, RANJANA RAUTELA, HEM CHANDRA JOSHI, and SANJAY PANT
*Journal of Luminescence, **131**, 1550-1555, 2011*

37. Phase Mixing/Wave Breaking Studies of Large Amplitude Oscillations in a Cold Homogeneous Unmagnetized Plasma
SUDIP SENGUPTA, PREDHIMAN KAW, VIKRANT SAXENA, ABHIJIT SEN and AMITA DAS
*Plasma Physics and Controlled Fusion, **53**, 074014, 2011*

38. Effect of Polarization Force on the Jeans Instability of Self-Gravitating Dusty Plasma
R.P. PRAJAPATI
*Physics Letters A, **375**, 2624-2628, 2011*

39. Lowering the Sintering Temperature of MgB2/Fe Wires with High Transport Current by Nano Cu Doping
NESON VARGHESE, K. VINOD, S. RAHUL, K. M. DEVADAS, SYJU THOMAS, P. M. ASWATHY, S. PRADHAN, and U. SYAMAPRASAD
*AIP Conference Proceedings, **1349**, 891-892, 2011*

40. Impact of Bending Strain on Critical Current of Second Generation 344 YBCO High Tc Coated Conductor
ANANYA KUNDU, PIYUSH RAJ, and SUBRATA PRADHAN
*AIP Conference Proceedings, **1349**, 895-896, 2011*

41. Influence of Manganese Acetyl Acetonate on the Cure-kinetic Parameters of Cyanate Ester–epoxy Blend Systems in Fusion Relevant Magnets Winding Packs
SUBRATA PRADHAN, PRIYANKA BRAHMBHATT, JANARDHANAN DEVAKI SUDHA, JISHA UNNIKRISHNAN
*Journal of Thermal Analysis and Calorimetry, **105**, 301-311, 2011*

42. Secondary Instability of Electromagnetic Ion-Temperature-Gradient Modes for Zonal Flow Generation
JOHAN ANDERSON, HANS NORDMAN, RAMESWAR SINGH, and RAGHVENDRA SINGH
*Physics of Plasmas, **18**, 072306, 2011*

43. Microstructure and Properties of Three Phase Carbon and Ceramic Matrix Composites
LALIT MOHAN MANOCHA, MILAN MAHENDRABHAI VYAS, SATISH MANOCHA, P.M. RAOLE
*Key Engineering Materials, **484,** 1-8, 2011*

44. On Radial Density Profile of Plasma Blob Injected into a Curved Vacuum Chamber
G. SAHOO, R. PAIKARAY, D.KARAN, N. SASINI, S. SAMANTARAY, D.C. PATRA, J. GHOSH, A.K. SANYASI
*International Conference on Multimedia Technology (ICMT), **6465 - 6467**, 26-28, 2011*

45. Transport Properties of Sealed Mgb2/Fe/Ni Multifilamentary Wires Heat Treated in Air
K.M. DEVADAS, S. RAHUL, SYJU THOMAS, NESON VARGHESE, K. VINOD, U. SYAMAPRASAD, S. PRADHAN, M.K. CHATTOPADHYAY, S.B. ROY
*Journal of Alloys and Compounds, **509**, 8038-8041, 2011*

46. Photochemistry of 5-Aminoquinoline in Protic and Aprotic Solvents
JAGAT P. BRIDHKOTI, HIRDYESH MISHRA, H.C. JOSHI, and SANJAY PANT
*Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, **79**, 412-417, 2011*

47. Generation and Amplification of Magnetic Islands by Drift Interchange Turbulence
M. MURAGLIA, O. AGULLO, S. BENKADDA, M. YAGI, X. GARBET, and A. SEN
*Physical Review Letters, **107**, 095003, 2011*

48. Burn Phase Calculations and One-Dimensional Optimization Studies for an Inverse Z-Pinch Magnetized Target Fusion System
P V SUBHASH, S MADHAVAN, N SAKTHIVEL, V MISHRA, AADITYA V MAJALEE, P PAHARI and S CHATURVEDI
*Plasma Physics and Controlled Fusion, **53**, 085013, 2011*

49. Coevolution of Inverse Cascade and Nonlinear Heat Front in Shear Flows of Strongly Coupled Yukawa Liquids
J. ASHWIN and R. GANESH
*Physics of Plasmas, **18**, 083704, 2011*

50. Stability of Networks of Delay-Coupled Delay Oscillators
J. M. HOFENER, G. C. SETHIA and T. GROSS
*Europhysics Letters,* ***95****, 40002, 2011*

51. Measurement of Emission Current and Temperature Profile of Emissive Probe Materials using CO2 LASER
PAYAL MEHTA, ARUN SARMA, JOYDEEP GHOSH, SHWETANG PANDYA, SANTOSH PANDYA, PARITOSH CHOUDHURI, J. GOVINDARAJAN,
C.IONITA SCHRITTWIESER, ROMAN SCHRITTWIESER
*Current Applied Physics,* ***11****, 1215-1221, 2011*

52. High Spatial Resolution Equilibrium Reconstruction
Q. REN, M. S. CHU, L. L. LAO and R. SRINIVASAN
*Plasma Physics and Controlled Fusion,* ***53****, 095009, 2011*

53. Direct Electron Heating Experiment on the Aditya Tokamak Using Fast Waves in the Ion Cyclotron Resonance Frequency Range
KISHORE MISHRA, S V KULKARNI, D RATHI, ATUL D VARIA, H M JADAV, K M PARMAR, B R KADIA, R JOSHI, Y S S SRINIVAS, RAJ SINGH,
SUNIL KUMAR, S DANI, A GAYATRI, R A YOGI, SINGH MANOJ, Y S JOISA, C V S RAO, SAMEER KUMAR, R JHA, R MANCHANDA, J GHOSH,
P K ATREY, S B BHATT, C N GUPTA, P K CHATTOPADHYAYA, A K CHATTOPADHYAYA, R SRINIVASAN, DHIRAJ BORA, P K KAW and ADITYA TEAM
*Plasma Physics and Controlled Fusion,* ***53****, 095011, 2011*

54. Design and Overview of 100 kV Bushing for the DNB Injector of ITER SEJAL SHAH, S. RAJESH, S. NISHAD, B. SRUSTI, M. BANDYOPADHYAY, C. ROTTI, M. J. SINGH, G. ROOPESH, A. K. CHAKRABORTY, B. SCHUNKE,
R. HEMSWORTH, J. CHAREYRE, L. SVENSSON
*AIP Conference Proceedings,* ***1390,*** *555-566, 2011*

55. RF - Plasma Source Commissioning in Indian Negative Ion Facility
M.J. SINGH, M. BANDYOPADHYAY, G. BANSAL, A. GEHLAUT, J. SONI, SUNIL KUMAR, K. PANDYA, K.G. PARMAR, J. SONARA, RATNAKAR YADAV,
A.K. CHAKRABORTY, W. KRAUS, B. HEINEMANN, R. RIEDL, S. OBERMAYER, C. MARTENS, P. FRANZEN, and U. FANTZ
*AIP Conference Proceedings,* ***1390****, 604-613, 2011*

56. Cesium Delivery System for Negative Ion Source at IPR
G. BANSAL, K. PANDYA, M. BANDYOPADHYAY, A. CHAKRABORTY, M. J. SINGH, J. SONI, A. GAHLAUT, AND K. G. PARMAR
*AIP Conference Proceedings,* ***1390,*** *614-623, 2011*

57. Conceptual Design, Implementation and Commissioning of Data Acquisition and Control System for Negative Ion Source at IPR

JIGNESH SONI, RATNAKAR YADAV, A. GAHLAUT, G. BANSAL, M.J.SINGH, M. BANDYOPADHYAY, K G PARMAR, K. PANDYA, A. CHAKRABORTY
*AIP Conference Proceedings, 1390, pp. 624-633, 2011*

58. Contribution of Tore Supra in Preparation of ITER
B. SAOUTIC, J. ABITEBOUL, L. ALLEGRETTI, S. ALLFREY, J.M. ANE, T. ANIEL, A. ARGOUARCH, J.F. ARTAUD, M.H. AUMENIER, S. BALME, V. BASIUK, O. BAULAIGUE, P. BAYETTI, A. BECOULET, M. BECOULET, M.S. BENKADDA, F. BENOIT, G. BERGER-BY, J.M. BERNARD, B. BERTRAND, P. BEYER, A. BIGAND, J. BLUM, D. BOILSON, G. BONHOMME, H. BOTTOLLIER-CURTET, C. BOUCHAND, F. BOUQUEY, C. BOURDELLE, S. BOURMAUD, C. BRAULT, S. BREMOND, C. BROSSET, J. BUCALOSSI, Y. BURAVAND, P. CARA, V. CATHERINE-DUMONT, A. CASATI, M. CHANTANT, M. CHATELIER, G. CHEVET, D. CIAZYNSKI, G. CIRAOLO, F. CLAIRET, M. COATANEA-GOUACHET, L. COLAS, L. COMMIN, E. CORBEL, Y. CORRE, X. COURTOIS, R. DACHICOURT, M. DAPENA FEBRER, M. DAVI JOANNY, R. DAVIOT, H. DE ESCH, J. DECKER, P. DECOOL, P. DELAPORTE, E. DELCHAMBRE, E. DELMAS, L. DELPECH, C. DESGRANGES, P. DEVYNCK, T. DITTMAR, L. DOCEUL, D. DOUAI, H. DOUGNAC, J.L. DUCHATEAU, B. DUGUÉ, N. DUMAS, R. DUMONT, A. DUROCHER, F.X. DUTHOIT, A. EKEDAHL, D. ELBEZE, M. EL KHALDI, F. ESCOURBIAC, F. FAISSE, G. FALCHETTO, M. FARGE, J.L. FARJON, M. FAURY, N. FEDORCZAK, C. FENZI-BONIZEC, M. FIRDAOUSS, Y. FRAUEL, X. GARBET, J. GARCIA, J.L. GARDAREIN, L. GARGIULO, P. GARIBALDI, E. GAUTHIER, O. GAYE, A. GÉRAUD, M. GEYNET, P. GHENDRIH, I. GIACALONE, S. GIBERT, C. GIL, G. GIRUZZI, M. GONICHE, V. GRANDGIRARD, C. GRISOLIA, G. GROS, A. GROSMAN, R. GUIGON, D. GUILHEM, B. GUILLERMINET, R. GUIRLET, J. GUNN, O. GURCAN, S. HACQUIN, J.C. HATCHRESSIAN, P. HENNEQUIN, C. HERNANDEZ, P. HERTOUT, S. HEURAUX, J. HILLAIRET, G.T. HOANG, C. HONORE, M. HOURY, T. HUTTER, P. HUYNH, G. HUYSMANS, F. IMBEAUX, E. JOFFRIN, J. JOHNER, L. JOURD'HEUIL, Y.S. KATHARRIA, D. KELLER, S.H. KIM, M. KOCAN, M. KUBIC, B. LACROIX, V. LAMAISON, G. LATU, Y. LAUSENAZ, C. LAVIRON, F. LEROUX, L. LETELLIER, M. LIPA, X. LITAUDON, T. LOARER, P. LOTTE, S. MADELEINE, P. MAGAUD, P. MAGET, R. MAGNE, L. MANENC, Y. MARANDET, G. MARBACH, J.L. MARÉCHAL, L. MARFISI, C. MARTIN, G. MARTIN, V. MARTIN, A. MARTINEZ, J.P. MARTINS, R. MASSET, D. MAZON, N. MELLET, L. MERCADIER, A. MERLE, D. MESHCHERIAKOV, O. MEYER, L. MILLION, M. MISSIRLIAN, P. MOLLARD, V. MONCADA, P. MONIER-GARBET, D. MOREAU, P. MOREAU, L. MORINI, M. NANNINI, M. NAIIM HABIB, E. NARDON, H. NEHME, C. NGUYEN, S. NICOLLET, R. NOUILLETAS, T. OHSAKO, M. OTTAVIANI, S. PAMELA, H. PARRAT, P. PASTOR, A.L. PECQUET, B. PÉGOURIÉ, Y. PEYSSON, I. PORCHY, C. PORTAFAIX, M. PREYNAS, M. PROU, J.M. RAHARIJAONA, N. RAVENEL, C. REUX, P. REYNAUD, M. RICHOU, H. ROCHE, P. ROUBIN, R. SABOT, F. SAINT-LAURENT, S. SALASCA, F. SAMAILLE, A. SANTAGIUSTINA, Y. SARAZIN, A. SEMEROK, J. SCHLOSSER, M. SCHNEIDER, M. SCHUBERT, F. SCHWANDER, J.L. SÉGUI, G. SELIG, P. SHARMA, J. SIGNORET, A. SIMONIN, S. SONG, E. SONNENDRUKER, F. SOURBIER, P. SPUIG, P. TAMAIN, M. TENA, J.M. THEIS, D. THOUVENIN, A. TORRE, J.M. TRAVÈRE, E. TSITRONE, J.C. VALLET, E. VAN DER PLAS, A. VATRY, J.M. VERGER, L. VERMARE, F. VILLECROZE,

D. VILLEGAS, R. VOLPE, K. VULLIEZ, J. WAGREZ, T. WAUTERS, L. ZANI, D. ZARZOSO and X.L. ZOU
*Nuclear Fusion, Volume **51**, 094014, 2011*

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