

HTPD 2018**Wednesday 18 April 2018****Session #12, Wednesday Night Poster Session (20:30-22:31)**

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[79] 12.4 Development of High-speed VUV spectroscopy using modified Seya-Namioka monochromator and CEM detector in the HL-2A tokamak	ZHANG, Kai ZHENG, Dianlin SUN, Ping CUI, Zhengying DONG, Chunfeng LU, Ping FU, Bingzhong LIU, Zetian SHI, Zhongbing YANG, Qingwei	
[82] 12.7 Advancing the capability of NIF Gated LEH imager	CHEN, Hui PALMER, Nathan BELL, Perry BRADLEY, David DAYTON, Matthew KILKENNY, Joe JONES, Oggie MAUCHE, Chris PATEL, Pratik SCHNEIDER, Marilyn THIBODEAU, Matthew	
[83] 12.8 Investigation of toroidal rotation and ion temperature characteristics utilizing X-ray imaging crystal spectrometer on KSTAR	JEONG WON, Yoo	
[77] 12.2 A correlation ECE diagnostic for detecting small-amplitude, broadband Te fluctuation on EAST	LIU, Yong	
[80] 12.5 Multi-channel analog lock-in system for real-time motional Stark effect measurements	WI, Hanmin	
[84] 12.9 Design and Performance Tests of the In-vessel Components of ITER Microfission Chamber	ISHIKAWA, Masao ITAMI, Kiyoshi	
[81] 12.6 Recent work on laser-induced breakdown spectroscopy (LIBS) for surface analysis at PISCES	NISHIJIMA, Daisuke DOERNER, Russ HOLLMANN, Eric BALDWIN, Matt PATINO, Marlene UEDA, Yoshio IBANO, Kenzo MIYAMOTO, Mitsutaka	

[78] 12.3 Wisconsin In-Situ Penning (WISP) Gauge – An in-situ gauge to measure partial neutral pressures of hydrogen and impurities	KREMEYER, Thierry	
[105] 12.30 Fast neutron diagnostics on MTF compression experiments	HOWARD, Stephen	
[108] 12.33 Plasma Imaging using High-Speed Solid-State Framing Cameras	PORTER, John KIMMEL, Mark LOOKER, Quinn SPEAS, Shane STAHOVIK, John GEISSEL, Matthias HARVEY-THOMPSON, Adam RAMBO, Patrick SCHWARZ, Jens SMITH, Ian CLAUS, Liam ENGLAND, Troy FANG, Lu KELLOGG, Jeff MITCHELL, Brandon MONTROYA, Andrew ROBERTSON, Gideon ROCHAU, Greg SANCHEZ, Marco HUND, Jared SIN, Justin LEWIS, Sean BENGTSON, Roger	
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[85] 12.10 Assessment of the measurement performance of the ITER Plasma Position Reflectometry low-field in-vessel system using a FDTD Maxwell full-wave code	DA SILVA, Filipe HEURAUX, Stéphane VARELA, Paulo RICARDO, Emanuel FERREIRA, Jorge	
[86] 12.11 Using L-shell X-ray Spectra to Determine Conditions of Non-LTE Plasmas	MARLEY, Edward LIEDAHL, Duane SCHNEIDER, Marilyn KEMP, Gregory FOORD, Mark HEETER, Robert JARROTT, Leonard WIDMANN, Klaus MAUCHE, Chris EMIG, James	
[90] 12.15 Dual filter imaging of ionization dynamics in high-temperature plasmas	WANG, Zhehui	
[87] 12.12 Radiation hardness in Si detectors	PELLEGRINI, Giulio	

[88] 12.13 Suprathermal electron diagnostics for the COMPASS tokamak using vertical ECE radiometer	FARNIK, Michal URBAN, Jakub ZAJAC, Jaromir BOGAR, Ondrej FICKER, Ondrej MACUSOVA, Eva MLYNAR, Jan VARAVIN, Mikita WEINZETTL, Vladimir HRON, Martin	
[89] 12.14 Measurement of high-temperature microparticle acceleration through imaging	CHU, Pinghan WOLFE, Bradley WANG, Zhehui	
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[94] 12.19 Layered low-pass magnetic sensor compensations for real-time mode identification in tokamaks	MYERS, Clayton E. GERHARDT, Stefan P. MENARD, Jonathan E. LOGAN, Nikolas C. MUNARETTO, Stefano STRAIT, Edward J. ERICKSON, Keith G.	
[95] 12.20 A 4k Hz high temporal resolution Thomson scattering diagnostic developed on EAST	ZANG, Qing HU, Ailan HAN, Xiaofeng XIAO , Shumei CHE, Yong REN, MengFang LI , Da HSIEH, C.L. ZHAO, Junyu	
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[92] 12.17 Bremsstrahlung x-ray source generation for high-Z radiography applications on the National Ignition Facility	HUNTINGTON, Channing MCNANEY, Jim GUMBRELL, Edward KRYGIER, Andrew PARK, Hye-Sook	
[110] 12.35 Measuring the optical conductivity of strongly coupled plasmas with steepened density gradient	CHEN, Zhijiang MO, Mianzhen TSUI, Ying NG, Andrew GLENZER, Siegfried	
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[116] 12.41 Instrumentation for the Upgrade to the JET Core Charge-Exchange Spectrometers	HAWKES, Nick DELABIE, Ephrem MENMUIR, Sheena GIROUD, Carine MEIGS, Andy CONWAY, Neil BIEWER, Ted HILLIS, Don	
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[103] 12.28 A New Tri-Particle Mono-Energetic Backlighting/Stopping-Power Platform for the National Ignition Facility and OMEGA	SUTCLIFFE, G.D. KABADI, N. PARKER, C.E. LAHMANN, B. FRENJE, J.A. GATU JOHNSON, M. SIO, H. BLACK, M. LI, C.K. SEGUIN, F.H. PETRASSO, R.D. RYGG, R. ROSENBERG, M. DAVIES, J. BOSE, A. BETTI, R. PARK, H-S. REMYNGTON, B. CASEY, D. POLLOCK, B. MOODY, J. LANDEN, O.L. GRAZIANI, F. KILKENNY, J.D. SINARS, D. LEEPER, R.J. ATZENI, S. MANCINI, R.C.	
[106] 12.31 A Spectroscopic Wave Electric Field Diagnostic for Heating and Current Drive Systems	LAU, C. KLEPPER, C.C. MARTIN, E.H. WALLACE, G.M. HILLAIRET, J. GONICHE, M. BROOKMAN, M.W. MUMGAARD, R.T. SHIRAIWA, S.	

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