

MST1 2017 TIMELINE

Exp.-ID	Exp. Title	SCs	TFLs	Number of pulses / week
Week 12 (20.03-24.03)	AUG-MST1: 3 exp. days / TCV- internal / MAST-U-internal: no ops			
T23-AUG	Improvement of predictive capability of the effect of magnetic perturbations in the divertor and SOL (total 9 shots) - session (1/1)	P. Cahyna & T. Lunt	A. Hakola & H.Meyer	9
T11-AUG	W sputtering in ICRF-heated plasmas (total 7 shots) - session (1/1)	V. Bobkov	A. Hakola & H. Meyer	7
T18-AUG	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 25 shots) - session (1/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	5
Week 13 (27.03-31.03)	AUG-MST1: 2 exp. days / TCV- internal / MAST-U-internal: no ops			
T20-AUG	Effect of misaligned, pre-damaged, and rough surfaces on erosion and surface modification patterns on W PFCs (total 14 shots) - session (1/2)	R. Dejarnac & K.Krieger	A. Hakola & H.Meyer	7
T08-AUG	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 27 shots) - session (1/3)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	9
Week 14 (03.04-07.04)	AUG-MST1: BORONISATION(03.04), 3 exp. Days (NBI team away, NBI for 2 days only) / TCV- internal / MAST-U-internal: no ops			
T03-AUG	Validation of analysis techniques to determine the intrinsic torque in order to provide a robust scaling with p^* and quantify sources contributing to intrinsic rotation (total 16 shots) - session (1/2)	R. McDermott & T. Tala	H. Meyer & S.Coda	9
T04-AUG	Assessment of the applicability of type-I ELM suppression by resonant magnetic perturbations to ITER (total 25 shots) - session (1/4)	A. Kirk & W.Suttrop	H. Meyer & T.Bolzonella	6
Week 15 (10.04-14.04) - Good Friday (17.04)	AUG-MST1: Easter school holidays, 2 exp. days in block / TCV- internal / MAST-U-internal: no ops			
T03-AUG	Validation of analysis techniques to determine the intrinsic torque in order to provide a robust scaling with p^* and quantify sources contributing to intrinsic rotation (total 16 shots) - session (2/2)	R. McDermott & T. Tala	H. Meyer & S.Coda	7
T21-AUG	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 14 shots) - session (1/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	7
Week 16 (17.04-21.04) - Easter Monday (17.04)	AUG-MST1: : Easter school holidays, 2 exp. days in block / TCV- internal / MAST-U-internal: no ops			
T15-AUG	Integrated control of multiple key reactor-performance quantities and entities in specific ITER scenarios (total 11 shots) - session (1/2)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	5
T09-AUG	Assess plasma stability performance and stability control in high-beta and advanced tokamak regimes (total 15 shots) - session (1/2)	V.Igochine & P.Piovesan	T. Bolzonella & S.Coda	6
Week 17 (24.04-28.04)	AUG-MST1: Programmtage HGW (25/26.04) , 2 exp. days / TCV- internal / MAST-U-internal: no ops			
T07-AUG	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 32 shots) - session (1/4)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	8
T21-AUG	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 14 shots) - session (2/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	7
Week 18 (01.05-05.05)	AUG-MST1: 3 exp. days / TCV- internal / MAST-U-internal: no ops			
T07-AUG	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 32 shots) - session (2/4)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	8
T08-AUG	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 27 shots) - session (2/3)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	9

Exp.-ID	Exp. Title	SCs	TFLs	Number of pulses / week
T17-AUG	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 25 shots) - session (1/4)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	10
Week 19 (08.05-12.05)	AUG-MST1: BORONISATION (08.05), 3 exp. days / TCV- internal / MAST-U-internal: no ops			
T05-AUG	Further characterization of "natural" no-ELM regimes at low collisionality (total 26 shots) - session (1/4)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	7
T04-AUG	Assessment of the applicability of type-I ELM suppression by resonant magnetic perturbations to ITER (total 25 shots) - session (2/4)	A. Kirk & W.Suttrop	H. Meyer & T.Bolzonella	7
T14-AUG	Effect of fast-ion driven instabilities and turbulence on current drive and fast ion transport (total 11 shots) - session (1/2)	B. Geiger & S.K. Nielsen	S. Coda & H.Meyer	6
Week 20 (15.05-19.05) - PFMC	AUG-MST1: 2 exp. Days (USN and Mach probe) / TCV- internal / MAST-U-internal: no ops			
T05-AUG	Further characterization of "natural" no-ELM regimes at low collisionality (total 26 shots) - session (2/4)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	6
T18-AUG	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 25 shots) - session (2/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	5
T15-AUG	Integrated control of multiple key reactor-performance quantities and entities in specific ITER scenarios (total 11 shots) - session (2/2)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	6
Week 21 (22.05-26.05)	AUG-internal: IPP closed (26.05), 2 exp. days / TCV-MST1: 3 exp. days (Mon-Wed) / MAST-U-internal: no ops			
T25-TCV	Comparisons between normal and advanced divertor configurations in L-mode discharges on MAST-U and TCV (total 37 shots) - session (1/3)	H. Reimerdes & A.Thornton	H. Meyer & S.Coda	11
T01-TCV	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 28 shots) - session (1/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	6
T02-TCV	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 44 shots) - session (1/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	15
T06-TCV	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 38 shots) - session (1/3)	T. Eich & B. Labit	H. Meyer & S.Coda	15
Week 22 (29.05-02.06)	AUG-internal: 3 exp. days / TCV-MST1: 4 exp. days (Tue-Fri) / MAST-U-internal: no ops			
T21-TCV	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 13 shots) - session (1/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	11
T22-TCV	Applicability of wall-conditioning techniques for cleaning vessel walls (total 34 shots) - session (1/2)	D. Douai & T. Wauters	A. Hakola & S.Coda	8
T25-TCV	Comparisons between normal and advanced divertor configurations in L-mode discharges on MAST-U and TCV (total 37 shots) - session (2/3)	H. Reimerdes & A.Thornton	H. Meyer & S.Coda	11
T18-TCV	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (1/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	12
T09-TCV	Assess plasma stability performance and stability control in high-beta and advanced tokamak regimes (total 22 shots) - session (1/3)	V.Igocchine & P.Piovesan	T. Bolzonella & S.Coda	5
T03-TCV	Validation of analysis techniques to determine the intrinsic torque in order to provide a robust scaling with p^* and quantify sources contributing to intrinsic rotation (total 24 shots) - session (1/2)	R. McDermott & T. Tala	H. Meyer & S.Coda	12
Week 23 (05.06-09.06) - ITPA div-SOL	AUG-internal: 2 exp. days, Pentecost school holidays / TCV-MST1: Site closed monday (05.06). 4 exp. days (Tue-Fri) / MAST-U-internal: no ops			
T07-TCV	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 38 shots) - session (1/3)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	14
T10-TCV	W transport studies under ELM-mitigated and no/small-ELM regimes to allow mitigation of W accumulation in the core (total 24 shots) - session (1/2)	D. Mazon	A. Hakola & T.Bolzonella	14

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T22-TCV	Applicability of wall-conditioning techniques for cleaning vessel walls (total 34 shots) - session (2/2)	D. Douai & T. Wauters	A. Hakola & S.Coda	26
Week 24 (12.06-16.06)	AUG-MST1: BORONISATION (12.06), REDUCED V2, IPP closed (16.06), Pentecost school holidays / TCV-MST1: 4 exp. days (Tue-Fri) / MAST-U-internal: no ops			
T01-AUG	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 19 shots) - session (1/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	4
T02-AUG	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 25 shots) - session (1/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	5
T06-AUG	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 21 shots) - session (1/2)	T. Eich & B. Labit	H. Meyer & S.Coda	6
T18-TCV	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (2/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	10
T25-TCV	Comparisons between normal and advanced divertor configurations in L-mode discharges on MAST-U and TCV (total 37 shots) - session (3/3)	H. Reimerdes & A.Thornton	H. Meyer & S.Coda	15
T24-TCV	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 70 shots) - session (1/5)	J. Harrison & C.Theiler	H. Meyer & S.Coda	26
Week 25 (19.06-23.06)	AUG-MST1: REDUCED V2 (at least Tue) 3 exp. days / TCV-internal / MAST-U-internal: no ops			
T01-AUG	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 19 shots) - session (2/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	5
T02-AUG	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 25 shots) - session (2/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	5
T09-AUG	Assess plasma stability performance and stability control in high-beta and advanced tokamak regimes (total 15 shots) - session (2/2)	V.Igoshine & P.Piovesan	T. Bolzonella & S.Coda	9
T12-AUG	Throughput and pumping of particles and plasma fuelling in ITER-relevant detached plasma scenarios (total 5 shots) - session (1/1)	P. Lang & M.Valovic	A. Hakola & H.Meyer	5
Week 26 (26.06-30.06) - EPS	AUG-MST1: 2 exp. days / TCV- internal / MAST-U-internal: no ops			
T20-AUG	Effect of misaligned, pre-damaged, and rough surfaces on erosion and surface modification patterns on W PFCs (total 14 shots) - session (2/2)	R. Dejarnac & K.Krieger	A. Hakola & H.Meyer	7
Week 27 (03.07-07.07)	AUG-MST1: BORONISATION (03.07), FILD, 3 exp. days / TCV-internal / MAST-U-internal: restart			
T13-AUG	Effect of ECCD/ECH and RMPs on TAE stability and fast ion confinement (total 28 shots) - session (1/2)	M. Garcia-Munoz & S.Sharapov	S. Coda & H.Meyer	14
T14-AUG	Effect of fast-ion driven instabilities and turbulence on current drive and fast ion transport (total 11 shots) - session (2/2)	B. Geiger & S.K. Nielsen	S. Coda & H.Meyer	5
T04-AUG	Assessment of the applicability of type-I ELM suppression by resonant magnetic perturbations to ITER (total 25 shots) - session (3/4)	A. Kirk & W.Suttrop	H. Meyer & T.Bolzonella	6
Week 28 (10.07-14.07)	AUG-internal: 2 exp. days / TCV-MST1: 4 exp. days (Tue-Fri) / MAST-U-internal: restart			
T01-TCV	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 28 shots) - session (2/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	11
T02-TCV	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 44 shots) - session (2/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	15
T06-TCV	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 38 shots) - session (2/3)	T. Eich & B. Labit	H. Meyer & S.Coda	15
T16-TCV	Extension of the operating space of fully non-inductive scenarios on AUG and TCV towards higher $\beta_N \geq 2.5$ and/or stationary or quasi-stationary operation (total 33 shots) - session (1/3)	J.Garcia, T. Goodman & C. Piron	S.Coda & T.Bolzonella	11

Exp.-ID	Exp. Title	SCs	TFLs	Number of pulses / week
T08-TCV	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 52 shots) - session (1/4)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	13
T15-TCV	Integrated control of multiple key reactor-performance quantities and entities in specific ITER scenarios (total 16 shots) - session (1/3)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	5
Week 29 (17.07-21.07)	AUG-internal: 3 exp. days / TCV-MST1: 4 exp. days (Tue-Fri) / MAST-U-internal: restart			
T01-TCV	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 28 shots) - session (3/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	11
T02-TCV	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 44 shots) - session (3/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	14
T05-TCV	Further characterization of "natural" no-ELM regimes at low collisionality (total 38 shots) - session (1/3)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	15
T06-TCV	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 38 shots) - session (3/3)	T. Eich & B. Labit	H. Meyer & S.Coda	8
T08-TCV	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 52 shots) - session (2/4)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	13
T24-TCV	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 70 shots) - session (2/5)	J. Harrison & C.Theiler	H. Meyer & S.Coda	11
T15-TCV	Integrated control of multiple key reactor-performance quantities and entities in specific ITER scenarios (total 16 shots) - session (2/3)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	5
Week 30 (24.07-28.07)	AUG-MST1: Hydrogen week, 3 exp. days, vessel flooded for opening (28.07) / TCV- internal / MAST-U-internal: restart			
T26-AUG	Novel ICRF heating schemes (total 4 shots) - session (1/1)	Y. Kazakov	?	4
Week 31 (31.07-04.08)	AUG-internal: no ops (vessel opening) / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 32 (07.08-11.08)	AUG-internal: no ops / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 33 (14.08-18.08)	AUG-internal: no ops (IPP closed 14.08) / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 34 (21.08-25.08)	AUG-internal: no ops / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 35 (28.08-01.09)	AUG-internal: no ops / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 36 (04.09-08.09)	AUG-internal: no ops / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 37 (11.09-15.09)	AUG-internal: no ops / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 38 (18.09-22.09)	AUG-internal: no ops (preparation of baking) / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none
Week 39 (25.09-29.09)	AUG-internal: no ops (Baking 25.9 -1.10) / TCV- internal : PS work / MAST-U-internal: restart			
none	none	none	none	none

Exp.-ID	Exp. Title	SCs	TFLs	Number of pulses / week
Week 40 (02.10-06.10)	AUG-internal: BORONISATION (05.10), IPP closed (02.10) / TCV- internal : PS work / MAST-U-internal			
none	none	none	none	none
Week 41 (09.10-13.10)	AUG-internal: preparation for public access (13.10) / TCV-MST1: school holidays - 4 exp. days (Tue-Fri) / MAST-U-internal			
T24-TCV	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 70 shots) - session (3/5)	J. Harrison & C.Theiler	H. Meyer & S.Coda	10
T18-TCV	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (3/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	12
T14-TCV	Effect of fast-ion driven instabilities and turbulence on current drive and fast ion transport (total 6 shots) - session (1/2)	B. Geiger & S.K. Nielsen	S. Coda & H.Meyer	6
T09-TCV	Assess plasma stability performance and stability control in high-beta and advanced tokamak regimes (total 22 shots) - session (2/3)	V.Igocchine & P.Piovesan	T. Bolzonella & S.Coda	8
T10-TCV	W transport studies under ELM-mitigated and no/small-ELM regimes to allow mitigation of W accumulation in the core (total 24 shots) - session (2/2)	D. Mazon	A. Hakola & T.Bolzonella	10
T05-TCV	Further characterization of "natural" no-ELM regimes at low collisionality (total 38 shots) - session (2/3)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	11
T03-TCV	Validation of analysis techniques to determine the intrinsic torque in order to provide a robust scaling with p^* and quantify sources contributing to intrinsic rotation (total 24 shots) - session (2/2)	R. McDermott & T. Tala	H. Meyer & S.Coda	12
Week 42 (16.10-20.10)	AUG-MST1: BORONISATION (16.10), REDUCED V2, 3 exp. days / TCV-MST1: school holidays - 4 exp. days (Tue-Fri) / MAST-U-internal			
T01-AUG	Impact of low momentum input, dominant electron heating, impurity seeding and fuelling on the ITER operational scenarios (total 19 shots) - session (3/3)	T. Pütterich & O. Sauter	H. Meyer & S.Coda	10
T06-AUG	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 21 shots) - session (2/2)	T. Eich & B. Labit	H. Meyer & S.Coda	15
T04-AUG	Assessment of the applicability of type-I ELM suppression by resonant magnetic perturbations to ITER (total 25 shots) - session (4/4)	A. Kirk & W.Suttrop	H. Meyer & T.Bolzonella	6
T24-TCV	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 70 shots) - session (4/5)	J. Harrison & C.Theiler	H. Meyer & S.Coda	11
T05-TCV	Further characterization of "natural" no-ELM regimes at low collisionality (total 38 shots) - session (3/3)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	12
T07-TCV	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 38 shots) - session (2/3)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	8
T08-TCV	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 52 shots) - session (3/4)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	13
T09-TCV	Assess plasma stability performance and stability control in high-beta and advanced tokamak regimes (total 22 shots) - session (3/3)	V.Igocchine & P.Piovesan	T. Bolzonella & S.Coda	9
T14-TCV	Effect of fast-ion driven instabilities and turbulence on current drive and fast ion transport (total 6 shots) - session (2/2)	B. Geiger & S.K. Nielsen	S. Coda & H.Meyer	8
T16-TCV	Extension of the operating space of fully non-inductive scenarios on AUG and TCV towards higher $\beta_N \gtrsim 2.5$ and/or stationary or quasi-stationary operation (total 33 shots) - session (2/3)	J.Garcia, T. Goodman & C. Piron	S.Coda & T.Bolzonella	11
T15-TCV	Integrated control of multiple key reactor-performance quantities and entities in specific ITER scenarios (total 16 shots) - session (3/3)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	6
Week 43 (23.10-27.10)	AUG-internal: 2 exp. days / TCV-MST1: 4 exp. days (Tue-Fri) / MAST-U-internal			
T07-TCV	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 38 shots) - session (3/3)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	16
T08-TCV	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 52 shots) - session (4/4)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	13
T17-TCV	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 5 shots) - session (1/1)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	5
T21-TCV	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 13 shots) - session (2/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	12

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T24-TCV	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 70 shots) - session (5/5)	J. Harrison & C.Theiler	H. Meyer & S.Coda	12
T16-TCV	Extension of the operating space of fully non-inductive scenarios on AUG and TCV towards higher $\beta_N \geq 2.5$ and/or stationary or quasi-stationary operation (total 33 shots) - session (3/3)	J.Garcia, T. Goodman & C. Piron	S.Coda & T.Bolzonella	11
Week 44 (30.10-03.11)	AUG-MST1: 3 exp. days / TCV- internal / MAST-U-internal			
T02-AUG	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 25 shots) - session (3/3)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	15
T18-AUG	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 25 shots) - session (3/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	13
Week 45 (06.11-10.11)	AUG-MST1: 2 exp. Days (REVERSED Bt/lp from Wed.) / TCV- internal / MAST-U-internal			
T05-AUG	Further characterization of "natural" no-ELM regimes at low collisionality (total 26 shots) - session (3/4)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	7
T17-AUG	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 25 shots) - session (2/4)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	4
T18-AUG	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 25 shots) - session (4/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	2
Week 46 (13.11-17.11)	AUG-MST1: BORONISATION (13.11), REVERSED Bt/IP , 3 exp. days / TCV- internal / MAST-U-internal			
T05-AUG	Further characterization of "natural" no-ELM regimes at low collisionality (total 26 shots) - session (4/4)	T. Happel, A. Merle & E. Viezzer	H. Meyer & S.Coda	6
Week 47 (20.11-24.11)	AUG-MST1: 2 exp. days / TCV- internal / MAST-U-MST1: pattern to be finalised			
T07-AUG	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 32 shots) - session (3/4)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	8
T17-AUG	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 25 shots) - session (3/4)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	5
T18-TCV	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (4/4)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	4
T25-MAST-U	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 19 shots) - session (1/2)	J. Harrison & C.Theiler	H. Meyer & S.Coda	17
T12-MAST-U	Throughput and pumping of particles and plasma fuelling in ITER-relevant detached plasma scenarios (total 6 shots) - session (1/1)	P. Lang & M.Valovic	A. Hakola & H.Meyer	6
T21-MAST-U	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 13 shots) - session (1/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	6
Week 48 (27.11-01.12)	AUG-MST1: 3 exp. days / TCV- internal / MAST-U-MST1: pattern to be finalised			
T07-AUG	Disruption prediction, routine avoidance and mitigation in a broad set of scenarios (total 32 shots) - session (4/4)	M. Maraschek, U. Sheikh & C. Sozzi	T. Bolzonella & S.Coda	8
T17-AUG	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 25 shots) - session (4/4)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	6
T25-MAST-U	Advanced divertor detachment studies in H-mode and higher P/R and comparison to single null (total 19 shots) - session (2/2)	J. Harrison & C.Theiler	H. Meyer & S.Coda	10
T04-MAST-U	Assessment of the applicability of type-I ELM suppression by resonant magnetic perturbations to ITER (total 10 shots) - session (1/1)	A. Kirk & W.Suttrop	H. Meyer & T.Bolzonella	10
T24-MAST-U	Improvement of predictive capability of the effect of magnetic perturbations in the divertor and SOL (total 9 shots) - session (1/2)	P. Cahyna & T. Lunt	A. Hakola & H.Meyer	9

Exp.-ID	Exp. Title	SCs	TFLs	Number of pulses / week
T21-MAST-U	Filamentary transport in high-power H-mode conditions and in no/small-ELM regimes to predict heat and particle loads on PFCs for future devices (total 13 shots) - session (2/2)	J. Madsen & N. Vianello	A. Hakola & H.Meyer	7
T13-MAST-U	Effect of ECCD/ECH and RMPs on TAE stability and fast ion confinement (total 6 shots) - session (1/1)	M. Garcia-Munoz & S.Sharapov	S. Coda & H.Meyer	6
Week 49 (04.12-08.12)	AUG-MST1:2 exp. days / TCV- internal / MAST-U-MST1: pattern to be finalised			
T19-AUG	Gross and net erosion balance of W PFCs in the divertor region and determination of W sources in the main chamber (total 14 shots) - session (1/1)	A. Drenik & J. Likonen	A. Hakola & H.Meyer	14
T08-AUG	Demonstrate post-disruption runaway electron beam control and extend the understanding of the runaway electron physics and of their interaction with injected gas and magnetic perturbation (total 27 shots) - session (3/3)	D. Carnevale, J. Mlynář & G.Papp	T. Bolzonella & S.Coda	9
T14-MAST-U	Effect of fast-ion driven instabilities and turbulence on current drive and fast ion transport (total 6 shots) - session (1/1)	B. Geiger & S.K. Nielsen	S. Coda & H.Meyer	6
T24-MAST-U	Improvement of predictive capability of the effect of magnetic perturbations in the divertor and SOL (total 9 shots) - session (2/2)	P. Cahyna & T. Lunt	A. Hakola & H.Meyer	10
T18-MAST-U	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (1/2)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	10
T16-MAST-U	Extension of the operating space of fully non-inductive scenarios on AUG and TCV towards higher $\beta_N \gtrsim 2.5$ and/or stationary or quasi-stationary operation - session(1/1)	F. Felici & C. Galperti	S.Coda & T.Bolzonella	6
T02-MAST-U	ITER/DEMO compatible integrated impurity seeded scenarios development by optimisation of pedestal performance, divertor cooling and core radiation maintaining $HH(98,y2) \geq 1$ in conjunction with high radiation fraction studies (total 6 shots) - session (1/1)	M. Dunne & L. Frassinetti	H. Meyer & S.Coda	6
T06-MAST-U	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 21 shots) - session (1/2)	T. Eich & B. Labit	H. Meyer & S.Coda	7
Week 50 (11.12-15.12)	AUG-MST1: BORONISATION (11.12), FILD, 3 exp. days / TCV- internal / MAST-U-MST1: pattern to be finalised			
T13-AUG	Effect of ECCD/ECH and RMPs on TAE stability and fast ion confinement (total 28 shots) - session (2/2)	M. Garcia-Munoz & S.Sharapov	S. Coda & H.Meyer	14
T17-MAST-U	Optimisation of seeded detachment regimes with multiple species towards high confinement, high radiation and robust control using ITER/DEMO relevant observers and actuators (total 25 shots) - session (1/1)	M. Bernert & F. Reimold	H. Meyer & A.Hakola	9
T18-MAST-U	Heat and particle loads to the first wall characterization in detached H-mode regimes during transient events and in the presence of ELM mitigation/suppression techniques (total 19 shots) - session (2/2)	S. Elmore, M. Faitsch & M. Komm	H. Meyer & A.Hakola	9
T06-MAST-U	Extrapolation of small ELM regimes at high density towards ITER and DEMO conditions (total 21 shots) - session (2/2)	T. Eich & B. Labit	H. Meyer & S.Coda	6