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Density control	Density control
Density limit	Density limit, Density limit Operation regimes, Operational limits
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Diffusion	Diffusion, Diffusion coefficient, Particle diffusion
DIII-D	DIII-D
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Disruption	Disruption, Disruptions, VDE, Halo currents, Plasma disruption
Disruption mitigation	Disruption Mitigation, Massive Gas Injection
Dissociation	Dissociation, Dissociative
Divertor	Divertor, Advanced Divertor, Snowflake divertor, Super-X divertor, X-point target divertor, Island divertor, Helical divertor, Ergodic divertor
Divertor material	Divertor material, Divertor tiles, Target plate
Divertor modelling	Divertor modelling, Divertor simulation, Fluid code, Fluid modeling, Fluid modelling, Fluid simulation
Divertor neutrals	Particle compression, Divertor pumping, Divertor recycling
Divertor geometry	Open and closed divertor, Baffling Effect, Divertor leakage
Divertor plasma	Target profiles, Divertor plasma, Divertor physics, Divertor radiation, Divertor region Divertor asymmetry
Divertor diagnostic	Divertor spectroscopy, Divertor Thomson
DIVIMP	DIVIMP, DIVIMP code
Dust	Dust, Dust particles, Dust luncher, Dust catcher
EAST	EAST, HT-7U, HT-7U divertor, HT-7U tokamak
ECRH	ECH, ECRH
Edge currents	SOL current
Edge modelling	SOL transport modelling, Simulation, Modelling

	Edge modelling, Edge Monte-Carlo codes, Adaptive grids, 2D fluid code, 2D model, 2D model, Edge fluid codes, Plasma modelling Computer simulation, Computer modeling, Monte Carlo simulation, Monte-Carlo, Monte Carlo method, Edge plasma modelling
Edge pedestal	Edge pedestal
Edge plasma	Plasma edge, Plasma edge layer, Plasma edge current, Plasma SOL, SOL, SOL physics, SOL plasma, SOL plasma, Scrape-off layer, Scrape-off layer, Plasma boundary, Plasma boundary, Edge plasma, Edge plasma, Boundary plasma, Boundary plasmas, Boundary transport, 2D edge plasma transport, 3D edge plasma
EDGE2D	EDGE2D, EDGE2D-EIRENE
EIRENE	EIRENE, Eirene, EIRENE code
Electric field	Electric field, Electric potential, Electrostatic potential, Radial electric field, Radial electric fields
Electron beam	Electron beam radiation
Electron emission	Electron emission
ELM	ELM, ELM control, ELM evolution, ELMs, ELMs Edge-localized modes (ELMs)
ELM control	ELM control, ELM suppression, Vertical kicks, RMP (Resonant magnetic perturbation)
EMC3	EMC3, EMC3-EIRENE
Energy confinement	H-mode, H-mode access, High confinement, improved plasma confinement, Energy confinement, Enhanced confinement, L-mode, I-mode, QH-mode, EDA-mode
ERO	ERO
Erosion & Deposition	Erosion, Erosion deposition, Erosion/deposition, Surface loss probability, Surface loss probability, Carbon deposition, Carbon erosion, Redeposition, Re-deposition, Weight loss, Target life-time, Deposition, Deposition, Deposits, Ddeposit layer, Lifetime, Prompt redeposition, quartz micro-balance, QMB
First wall	Chamber wall material, First wall, First wall particle load, First wall materials, Wall materials, Wall components, Plasma facin-components, Plasma-facing materials, Plasma facing material, Plasma
Fluctuations & turbulence	Fluctuations, Fluctuation, Fluctuation phase Velocity, Turbulence, Turbulence, Plasma turbulence
FTU	FTU

Fusion reactor	Fusion reactor, Fusion demo reactor, DEMO, Fusion power plant
Gamma 10	Gamma 10
Gas injection & fueling	Fuelling, Fuel dilution, Fueling efficiency, Fueling, Gas injection, Gas, Gas injection, Gas puffing, H ₂ flow rate, Strong gas-puff Supersonic gas injection, Tokamak fuelling, Particle fueling
Helium	Helium, Helium ion bombardment, Helium ion trap, He pumping
Helium beam	He beam, He emission, Diagnostic He beam
Heliotron	Heliotron J, Heliotron, Heliotron-E
High-Z material	High-Z material, High-Z, High-Z limiter
HYBTOK-II	HYBTOK-II
Hydrides	Hydrides, Metal-hydride
Hydrocarbons	Hydrocarbon radicals, Hydrocarbon, Hydrocarbon layers
Hydrogen	Atomic density, Atomic hydrogen Hydrogen, Hydrogen absorption, Hydrogen atoms, Hydrogen density, Hydrogen molecules Hydrogen recycling, Hydrogen reflection Hydrogen retention, Hydrogen trapping
Hydrogen inventory	Hydrogen recycling, Hydrogen reflection Hydrogen retention, Hydrogen trapping
ICRF	ICH, ICRF, ICRF antenna, ICRF boronization
Implantation	Implantation
Impurity	Impurity, Impurities, Impurity accumulation
Impurity compression	Impurity compression, Enrichment
Impurity seeding	Impurity seeding, seeding gas
Impurity sources	Impurity source, Impurity screening, Screening
Impurity transport	Impurity transport
IMPGYRO	IMPGYRO
Intermittent transport	Intermittency, Avalanche transport, Avalanches Non-diffusive transport
Integrated modelling	Integrated modelling, JINTRAC, COREDIV
Ion-surface interactions	Ion bombardment, Ion implantation, Ion-induced re-emission, Ion irradiation, Ion-surface collisions
Island divertor	Island divertor, Island divertor Local island divertor
ITER	ITER, ITER divertor target, ITER-FEAT
ILW	JET-ILW, ITER-LIKE WALL, ITER-Like Wall
JET	JET, JET divertor tiles
JFT-2m	JFT-2m
JT-60U	JT-60U, JT-60, JT60SC, JT60U, JT-60SA
KSTAR	KSTAR

Laser	Laser ablation, Laser Application, Interferometry laser, Laser-induced fluorescence, Laser microscope Laser photodetachment, LIBS, LIAS, LIDS
LHD	LHD, Large helical device
Limiters	Limiters, Poloidal limiter, Radially movable limiter, Li Limiter
Limiter material	Central column, Graphite belt limiter Limiter materials
Lithium	Lithium, Li thin films, Liquid lithium, Liquid lithium curtain, Lithium coating, Li-Si coating, Lithium coating, Lithium oxide
Lithium beam	Li beam, LiBP
Liquid metal	Liquid metal, Liquid metals, Splashing,
Magnetic topology	Separatrix, Edge field topology, Double-null Geometry effect, Expanding magnetic field Magnetic balance, Magnetic configuration Oblique magnetic field
MARFE	MARFE
MAST	MAST
Materials properties	Grain boundaries, Defects, Surface segregation
Melting	W melting, Be melting, melt-layer loss, melt layer motion
Molecular dynamics	Molecular dynamics, Molecular dynamics simulations
Molecular effects	Molecular activated recombination, Molecular assisted recombination, Molecular ions, Molecular particle flux, Vibrational states, Rotational and vibrational excitation, Vibrational excitation
Molybdenum	Molybdenum
NAGDIS-II	NAGDIS-II
Neon	Neon
Neutral beam	NBI, Neutral beam injection, Neutral energy
Neutrals	Neutral particle, Neutral transport, Neutral transport simulation, Neutralization loss, Neutrals, Neutrals in plasma
Neutral modelling	Neutral gas modeling, Neutral mod
Neutron damage	Neutron damage
Nickel	Nickel
Niobium	Niobium
Nitrogen	Nitrogen, Nitrogen seeding, Nitrogen Cleaning, Nitrogen retention
NSTX	NSTX
OEDGE	OEDGE

OSM	OSM model, OSM
Outgassing	Outgassing
Oxygen	Oxide, Oxygen, Oxygen impurity, Oxygen gettering, Oxygen baking, Oxidation
Parallel transport	Parallel heat flux
Particle balance	Particle balance, Particle balance model, Gas balance
Particle confinement	Particle confinement time
Particle control	Particle control, Pumping, Pump limiter
Particle drifts	ExB drift, E x B, E x B flow, B x (∇ x B) drift, Drift, Drift effects, drifts, Velocity, Velocity shear
Particle flux	Particle flux, Particle flux
Pedestal	Pedestal, Pedestal gradient, Pedestal width
Pellet	Pellet, Pellet Injector
Permeation	Permeation, Plasma-driven permeation
Photon transport	Photon transport, Radiation flux, Radiation transfer, Opacity
PISCES B	PISCES B
Particle orbits	Trapped particle orbits, Trapped particles, Trapping, Ion orbit loss, Ripple loss, Loss cone losses, Orbit following Monte-Carlo code
Plasma flow	SOL plasma flow, Flow, Flow reversal, Flow Shear, Toroidal rotation, Plasma flow, Scrape-off layer flows
Probes	Reciprocating probe, Probe characteristics Mach probe, Langmuir probe, Emissive probe, Collector probe, Ion sensitive probe, Material probe
Power balance	Power balance, Energy balance
Power deposition	Thermal load, Power exhaust, Power flux Power handling, Power loading, Power density, Ion energy deposition, Energy deposition, Divertor energy, Divertor power load, Heat deposition, Heat flux, Heat load, Heat loads, Heat load reduction
QUEST	QUEST
Radiation	Radiation loss, Bolometer tomography, Radiation sources, Radiation collapse, Radiation effects, Radioactivity
Recombination	Recombination, Recombining plasmas Volume recombination
Recycling	Low recycling, Recycling, Recycling impurity, Wall recycling, Plasma fueling, Particle recycling
Reflectivity	Reflectivity, Reflectance, Reflection

Retention	Fuel retention, Retention, Retention mechanism
RF	RF discharge, Radio frequency field
RFX	RFX, RFP
Runaway electrons	Runaway electrons, Runaway instability, RE beam
Scaling law	Scaling law
Sheaths	PIC simulations, PIC-MCC method, Presheath Plasma sheath heat transmission factor, Plasma sheath, Plasma sheath phenomena Magnetic presheath, Magnetic sheath Sheath
Silicon	SiC/SiC composites, Silicon, Silicon blistering, Silicon carbide, Silicone doping
SOLPS	B2/EIRENE, B2-Eirene code, B2-solps.5.0, B2solps.5.0, B2.5-Eirene, SOLPS
SONIC	SONIC
Spectroscopy	Optical fibres, Optical spectroscopy, Spectroscopy, Fulcher-band spectroscopy, H-alpha measurement, Carbon line profiles, Edge spectroscopy, Line emission profiles, Balmer lines, Beam emission spectroscopy, CH band, Doppler broadening, W spectroscopy
Sputtering	Sputtering, Sputtering erosion, Sputtering yield
Stainless steel	Stainless steel, Steel
Steady state	Steady state fusion reactors, Long pulse, Long pulse discharge
Stochastic boundary	Stochastic boundary, Stochastic field, Ergodic boundary
Surface analysis	AES, ERDA, Nuclear reaction analysis, Ion beam analysis, Ion beams, Ion-beam irradiation, Deuterium depth profiling, beta-ray induced x-ray spectrometry (BIXS), Secondary electron, Photoelectron spectroscopy, Transmission electron microscopy, RBS, Rutherford Backscattering, SIMS, Surface composition and topography, Surface composition, Surface distribution, XPS, X-ray photoelectron spectroscopy, X-ray deposition, X-ray emission
Tandem mirror	Tandem mirror
Tantalum	Tantalum
TCV	TCV
TEXTOR	TEXTOR, TEXTOR-DED
Trapping	Ion trapping
TFTR	TFTR
Thermal conductivity	Thermal conductivity

Thermal desorption	Thermal desorption, Thermal release, Thermal sputtering
Thermal fatigue	Thermal fatigue, cracking
Thermal shock	Thermal shock
Thermoelectric	Thermoelectric instability, Thermoelectron emission, thermoelectric current
Thermography	Thermography, IR-thermography, Infrared, Infrared thermography
Titanium	Titanium, Titanium oxide, Titanium-gettering
TJ-II	TJ-II
Tore Supra	Tore Supra
Tracer materials	13CH4 injection, 15N injection
Transport barrier	Internal transport barrier, Transport barriers
TRIAM-1M	TRIAM-1M
TRIM	TRIM, VFTRIM-3D, TRIDYN code
Tritium	Tritium, Tritium breeding ratio, Tritium areal distribution, Tritium co-deposition, Tritium inventory, Tritium mapping, Tritium imaging plate technique, Tritium retention, Tritium removal, Amount and depth profile of tritium
Tungsten	Tungsten, Tungsten alloy, Tungsten carbide CVD tungsten, Tungsten coated carbon, Tungsten coating
UEDGE	UEDGE code, UEDGE
Vanadium	Vanadium, Vanadium alloy
Vapour shielding	Vapour shielding, Plasma shield, Shielding Shielding layer
Viscosity	Viscosity
Visible imaging	Plasma imaging, CCD camera, CCD Camera Tomography, Visible imaging, visible light emission
W7-X	W7-AS, W7-X, Advanced Stellarator
W fuzz	W fuzz, W nanostructures
Wall conditioning	Discharge cleaning, Wall conditioning Wall coating, Conditioning, Conditioning, Conditioning procedures, Glow discharge conditioning, Glow discharge, GDC
Wall pumping	Wall pumping
WALLDYN	WALLDYN