

Fachverband Teilchenphysik (T)

Gregor Herten
 Physikalisches Institut, Universität Freiburg
 Hermann-Herder-Str. 3
 79104 Freiburg
 herten@uni-freiburg.de

Übersicht der Plenar-, Haupt- und Eingeladenen Vorträge und Fachsitzungen

(Hörsäle RW 1, P1 – P7, P10 – P13, P15, P101 – P108, P110, GFH 01-701, GFH 01-721, GFH 01-731; Poster ReWi EG)

Plenarvorträge

PV I	Di	11:00–11:45	RW 1	A compact laser-driven X-ray synchrotron radiation source for biomedical imaging — ●KLAUS ACHTERHOLD, RONALD RUTH, ROD LOEWEN, FRANZ PFEIFFER
PV II	Di	11:45–12:30	RW 1	Das Higgs-Boson - 1.5 Jahre nach der Entdeckung — ●NORBERT WERMES
PV III	Mi	12:00–12:45	RW 1	PeV-Neutrinos aus dem All — ●LUTZ KÖPKE
PV IV	Mi	20:00–21:00	RW 1	Rätselhafte Dunkle Materie — ●UWE OBERLACK

Hauptvorträge

T 1.1	Mo	9:10– 9:50	RW 1	Leptonische Endzustände und elektroschwache Prozesse am LHC: Direkte und indirekte Wege zu neuer Physik — ●FRANK ELLINGHAUS
T 1.2	Mo	9:50–10:30	RW 1	The Physics of Propagating TeV Gamma-rays: from Plasma Instabilities to Cosmological Structure Formation — ●CHRISTOPH PFROMMER
T 46.1	Di	8:30– 9:10	RW 1	QCD in the LHC Era: Precision Measurements and Searches — ●KATERINA LIPKA
T 46.2	Di	9:10– 9:50	RW 1	Search for new physics in the B system — ●DAVID STRAUB
T 46.3	Di	9:50–10:30	RW 1	Linear Collider — ●TIES BEHNKE
T 72.1	Mi	8:30– 9:10	RW 1	Heavy Flavour Physics at the LHC — ●JONAS RADEMACKER
T 72.2	Mi	9:10– 9:50	RW 1	Scattering amplitudes and hidden symmetries in supersymmetric gauge theory — ●JAN PLEFKA
T 72.3	Mi	9:50–10:30	RW 1	The Higgs boson and physics beyond the Standard Model — ●MICHAEL KRÄMER
T 95.1	Do	8:30– 9:10	RW 1	LHC Detector Upgrades — ●INGRID-MARIA GREGOR
T 95.2	Do	9:10– 9:50	RW 1	Next-Generation Computing und Software für die LHC Datenanalyse — ●GÜNTER QUAST
T 95.3	Do	9:50–10:30	RW 1	Full exploitation of the LHC: operation and upgrade plans — ●FRÉDÉRIK BORDRY
T 96.1	Do	11:00–11:45	RW 1	Doppelbetazerfall und Neutrinomassen — ●STEFAN SCHÖNERT
T 96.2	Do	11:45–12:30	RW 1	Cosmological results from the Planck satellite — ●SIMON WHITE
T 122.1	Fr	9:00– 9:45	RW 1	Searches for supersymmetry at the LHC — ●LARS SONNENSCHNEIN
T 122.2	Fr	9:45–10:30	RW 1	Top physics and searches for new physics in $t\bar{t}$ final states — ●LUCIA MASETTI
T 123.1	Fr	11:00–11:45	RW 1	The first results from the AMS experiment on the International Space Station — ●STEFAN SCHAEEL
T 123.2	Fr	11:45–12:30	RW 1	The importance of LHC data for the interpretation of ultra-high energy cosmic ray interactions — ●RALF ULRICH

Eingeladene Vorträge

T 47.1	Di	13:45–14:15	RW 1	Elektroschwache Pinguin-Zerfälle mit dem LHCb Experiment — ●CHRISTOPH LANGENBRUCH
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T 47.2	Di	14:15–14:45	RW 1	Heavy Quark Masses from Lattice QCD — ●GEORG VON HIPPEL
T 47.3	Di	14:45–15:15	RW 1	Flavoured Dark Matter beyond the MFV Hypothesis — ●MONIKA BLANKE
T 47.4	Di	15:15–15:45	RW 1	Top quark mass measurements: recent ATLAS and combination results — ●GIORGIO CORTIANA
T 47.5	Di	15:45–16:15	RW 1	QCD-Studien mit Daten des CMS-Experiments — ●SEBASTIAN NAUMANN-EMME
T 48.1	Di	13:45–14:15	P1	The radio emission from energetic particle cascades: confusion and solution — ●CLANCY JAMES, TIM HUEGE
T 48.2	Di	14:15–14:45	P1	The diffuse muon neutrino sky with IceCube — ●ANNE SCHUKRAFT
T 48.3	Di	14:45–15:15	P1	High energy neutrinos from AGN — ●BJÖRN EICHMANN
T 48.4	Di	15:15–15:45	P1	Neutrinomassenspektrum: normal oder invertiert, und wieviele Masse-eigenzustände gibt es? — ●THOMAS SCHWETZ-MANGOLD
T 48.5	Di	15:45–16:15	P1	Teilchenbeschleuniger in unserer galaktischen Nachbarschaft — ●STEFAN KLEPSEK
T 97.1	Do	13:45–14:15	RW 1	The XENON Project, Enlightening the Dark — ●ETHAN BROWN
T 97.2	Do	14:15–14:45	RW 1	Forward particle production in pp and pPb collisions at the Terascale — ●DMYTRO VOLYANSKY
T 97.3	Do	14:45–15:15	RW 1	Grand Unification and the hidden geometry of String Theory — ●THOMAS GRIMM
T 97.4	Do	15:15–15:45	RW 1	Exploring electroweak gauge boson self-couplings in vector boson fusion, scattering and multi-boson production — ●ANJA VEST
T 97.5	Do	15:45–16:15	RW 1	Searches for high-mass resonances decaying to tau-lepton pairs with the ATLAS detector. — ●WILLIAM DAVEY
T 98.1	Do	13:45–14:15	P1	Top-Quarks und neue Physik am LHC — ●ROMAN KOGLER
T 98.2	Do	14:15–14:45	P1	Elektroschwache Top-Produktion — ●OLIVER MARIA KIND
T 98.3	Do	14:45–15:15	P1	Glanzlichter und Zukunftsaussichten des Belle Experiments — ●MARTIN HECK
T 98.4	Do	15:15–15:45	P1	The Higgs Sector Quest — ●CHRISTOPH ENGLERT
T 98.5	Do	15:45–16:15	P1	Tau Physics at the Energy and Luminosity Frontiers — ●IAN NUGENT

Fachsitzungen

T 1.1–1.2	Mo	9:10–10:30	RW 1	Hauptvorträge 1
T 2.1–2.6	Mo	11:00–12:35	P2	Gammaastronomie 1
T 3.1–3.6	Mo	11:00–12:30	P3	Ultrahochenergetische kosmische Strahlung 1
T 4.1–4.5	Mo	11:00–12:15	P4	Supersymmetrie 1
T 5.1–5.6	Mo	11:00–12:30	P5	Teilchenphysik mit kosmischer Strahlung
T 6.1–6.5	Mo	11:00–12:15	P6	Elektroschwache Wechselwirkung 1
T 7.1–7.6	Mo	11:00–12:30	P7	Partonschauer, NLO Matching und MC-Tuning (Theorie+Experiment)
T 8.1–8.6	Mo	11:00–12:30	P10	Higgs: Eigenschaften
T 9.1–9.5	Mo	11:00–12:25	P11	Dunkle Materie 1
T 10.1–10.5	Mo	11:00–12:15	P12	Spurkammern 1
T 11.1–11.5	Mo	11:00–12:20	P13	Hochenergie-Neutrino-Physik 1
T 12.1–12.6	Mo	11:00–12:30	P15	Computing
T 13.1–13.4	Mo	11:00–12:05	P101	Lorentzinvarianz, Magnetische Monopole
T 14.1–14.6	Mo	11:00–12:30	P102	Top-Quarks: Boosted
T 15.1–15.5	Mo	11:00–12:15	P103	Kalorimeter 1
T 16.1–16.6	Mo	11:00–12:30	P104	Top-Quarks: Masse
T 17.1–17.6	Mo	11:00–12:30	P105	Halbleiter 1
T 18.1–18.6	Mo	11:00–12:30	P106	Niederenergie-Neutrino-Physik 1
T 19.1–19.4	Mo	11:00–12:00	P108	Gittereichtheorie
T 20.1–20.6	Mo	11:00–12:30	P110	QCD (Theorie) 1
T 21.1–21.5	Mo	11:00–12:15	GFH 01-701	Flavourphysik 1
T 22.1–22.6	Mo	11:00–12:35	GFH 01-721	Detektorsysteme 1
T 23.1–23.6	Mo	11:00–12:30	GFH 01-731	DAQ, Trigger, Elektronik 1
T 24.1–24.8	Mo	16:45–18:45	P1	Higgs-Kopplungen (Theorie/Experiment)
T 25.1–25.9	Mo	16:45–19:00	P2	Gammaastronomie 2
T 26.1–26.8	Mo	16:45–18:55	P3	Ultrahochenergetische kosmische Strahlung 2
T 27.1–27.9	Mo	16:45–19:00	P4	Supersymmetrie 2

T 28.1–28.9	Mo	16:45–19:05	P5	Kosmische Strahlung 1
T 29.1–29.7	Mo	16:45–18:30	P6	Flavourphysik (Theorie)
T 30.1–30.8	Mo	16:45–18:50	P7	Experimentelle Methoden der Astroteilchenphysik 1
T 31.1–31.8	Mo	16:45–18:50	P10	Higgs: Zerfall in Fermionen 1
T 32.1–32.9	Mo	16:45–19:00	P11	Dunkle Materie 2
T 33.1–33.6	Mo	16:45–18:25	P12	Spurkammern 2
T 34.1–34.8	Mo	16:45–18:50	P13	Neutrinoastronomie 1
T 35.1–35.9	Mo	16:45–19:00	P15	GRID-Computing
T 36.1–36.9	Mo	16:45–19:00	P102	Top-Quarks
T 37.1–37.9	Mo	16:45–19:00	P103	Experimentelle Methoden 1
T 38.1–38.9	Mo	16:45–19:05	P104	Interpretation von SUSY Suchen (Theorie/Experiment)
T 39.1–39.9	Mo	16:45–19:00	P105	Halbleiter 2
T 40.1–40.8	Mo	16:45–19:00	P106	Niederenergie-Neutrinoaphysik 2
T 41.1–41.9	Mo	16:45–19:00	P108	Neutrinoaphysik (Theorie)
T 42.1–42.9	Mo	16:45–19:00	P110	Elektroschwache Wechselwirkung 2
T 43.1–43.9	Mo	16:45–19:00	GFH 01-701	Flavourphysik 2 (CP Verletzung)
T 44.1–44.9	Mo	16:45–19:00	GFH 01-721	Detektorsysteme 2
T 45.1–45.8	Mo	16:45–18:45	GFH 01-731	DAQ, Trigger, Elektronik 2
T 46.1–46.3	Di	8:30–10:30	RW 1	Hauptvorträge 2
T 47.1–47.5	Di	13:45–16:15	RW 1	Eingeladene Vorträge 1
T 48.1–48.5	Di	13:45–16:15	P1	Eingeladene Vorträge 2
T 49.1–49.9	Di	16:45–19:05	P2	Gammaastronomie 3
T 50.1–50.9	Di	16:45–19:00	P3	Ultrahochenergetische kosmische Strahlung 3
T 51.1–51.8	Di	16:45–18:45	P4	Supersymmetrie 3
T 52.1–52.9	Di	16:45–19:05	P5	Kosmische Strahlung 2
T 53.1–53.7	Di	16:45–18:30	P6	Jenseits des Standardmodells (Theorie) 1
T 54.1–54.8	Di	16:45–18:45	P7	Experimentelle Methoden der Astroteilchenphysik 2
T 55.1–55.7	Di	16:45–18:30	P10	Higgs: Zerfall in Fermionen 2
T 56.1–56.8	Di	16:45–18:55	P11	Dunkle Materie 3
T 57.1–57.9	Di	16:45–19:00	P12	Myondetektoren 1
T 58.1–58.9	Di	16:45–19:00	P13	Neutrinoastronomie 2
T 59.1–59.8	Di	16:45–18:45	P15	QCD (Theorie) 2
T 60.1–60.7	Di	16:45–18:35	P101	Halbleiter 3
T 61.1–61.9	Di	16:45–19:00	P102	Top-Quarks: Single Top
T 62.1–62.9	Di	16:45–19:00	P103	Higgs jenseits des Standardmodells
T 63.1–63.8	Di	16:45–18:45	P104	Top-Quarks: Paarproduktion
T 64.1–64.9	Di	16:45–19:00	P105	Halbleiter 4
T 65.1–65.8	Di	16:45–18:55	P106	Niederenergie-Neutrinoaphysik 3
T 66.1–66.6	Di	16:45–18:15	P108	Elektroschwache Wechselwirkung 3
T 67.1–67.8	Di	16:45–18:50	P110	Suche nach neuer Physik 1
T 68.1–68.6	Di	16:45–19:00	ReWi EG	Poster
T 69.1–69.9	Di	16:45–19:00	GFH 01-701	Flavour (Theorie/Experiment) 1
T 70.1–70.9	Di	16:45–19:05	GFH 01-721	Detektorsysteme 3
T 71.1–71.8	Di	16:45–18:45	GFH 01-731	DAQ, Trigger, Elektronik 3
T 72.1–72.3	Mi	8:30–10:30	RW 1	Hauptvorträge 3
T 73.1–73.9	Mi	16:45–19:05	P2	Gammaastronomie 4
T 74.1–74.8	Mi	16:45–18:55	P3	Hochenergie-Neutrinoaphysik 2
T 75.1–75.8	Mi	16:45–18:50	P4	Supersymmetrie 4
T 76.1–76.8	Mi	16:45–18:55	P5	Kosmische Strahlung 3
T 77.1–77.9	Mi	16:45–19:00	P6	Jenseits des Standardmodells (Theorie) 2
T 78.1–78.9	Mi	16:45–19:05	P7	Experimentelle Methoden der Astroteilchenphysik 3
T 79.1–79.9	Mi	16:45–19:00	P10	Higgs: Supersymmetrie
T 80.1–80.8	Mi	16:45–18:45	P11	Dunkle Materie 4 (indirekte Suche)
T 81.1–81.8	Mi	16:45–18:45	P12	Myondetektoren 2
T 82.1–82.9	Mi	16:45–19:05	P13	Neutrinoastronomie 3
T 83.1–83.8	Mi	16:45–18:50	P15	Quantenfeldtheorie 1
T 84.1–84.9	Mi	16:45–19:00	P101	Experimentelle Methoden 2
T 85.1–85.9	Mi	16:45–19:00	P102	Top-Quarks: Eigenschaften
T 86.1–86.8	Mi	16:45–18:45	P103	Elektroschwache Physik (Theorie) 1
T 87.1–87.7	Mi	16:45–18:30	P104	Higgs: Zerfall in WW 1
T 88.1–88.9	Mi	16:45–19:00	P105	Halbleiter 5

T 89.1–89.7	Mi	16:45–18:35	P106	Niederenergie-Neutrino-Physik 4
T 90.1–90.8	Mi	16:45–18:50	P108	Halbleiter 6
T 91.1–91.9	Mi	16:45–19:00	P110	Suche nach neuer Physik 2
T 92.1–92.9	Mi	16:45–19:00	GFH 01-701	Flavour (Theorie/Experiment) 2
T 93.1–93.9	Mi	16:45–19:00	GFH 01-721	QCD 1
T 94.1–94.8	Mi	16:45–18:50	GFH 01-731	DAQ, Trigger, Elektronik 4
T 95.1–95.3	Do	8:30–10:30	RW 1	Hauptvorträge 4
T 96.1–96.2	Do	11:00–12:30	RW 1	Hauptvorträge 5
T 97.1–97.5	Do	13:45–16:15	RW 1	Eingeladene Vorträge 3
T 98.1–98.5	Do	13:45–16:15	P1	Eingeladene Vorträge 4
T 99.1–99.7	Do	16:45–18:30	P1	Andere Gebiete der Theorie
T 100.1–100.9	Do	16:45–19:05	P2	Niederenergie kosmische Strahlung
T 101.1–101.9	Do	16:45–19:05	P3	Hochenergie-Neutrino-Physik 3
T 102.1–102.8	Do	16:45–18:45	P4	Supersymmetrie 5
T 103.1–103.8	Do	16:45–18:45	P5	Kosmische Strahlung 4
T 104.1–104.9	Do	16:45–19:00	P6	Jenseits des Standardmodells (Theorie) 3
T 105.1–105.9	Do	16:45–19:00	P7	Experimentelle Methoden der Astroteilchenphysik 4
T 106.1–106.9	Do	16:45–19:00	P10	Higgs: Zerfall in Fermionen 3
T 107.1–107.9	Do	16:45–19:00	P11	Supernova
T 108.1–108.8	Do	16:45–18:50	P12	Kalorimeter 2
T 109.1–109.9	Do	16:45–19:00	P13	Neutrinoastronomie 4
T 110.1–110.8	Do	16:45–18:45	P15	Quantenfeldtheorie 2
T 111.1–111.9	Do	16:45–19:00	P101	Theoretische Astroteilchenphysik und Kosmologie
T 112.1–112.9	Do	16:45–19:00	P102	Top-Quarks: Assoziierte Produktion
T 113.1–113.8	Do	16:45–18:45	P103	Elektroschwache Physik (Theorie) 2
T 114.1–114.7	Do	16:45–18:30	P104	Higgs: Zerfall in WW 2
T 115.1–115.9	Do	16:45–19:00	P105	Halbleiter 7
T 116.1–116.9	Do	16:45–19:00	P106	Niederenergie-Neutrino-Physik 5
T 117.1–117.9	Do	16:45–19:00	P108	Halbleiter 8
T 118.1–118.8	Do	16:45–18:45	P110	Suche nach neuer Physik 3
T 119.1–119.9	Do	16:45–19:00	GFH 01-701	Flavour (Theorie/Experiment) 3
T 120.1–120.8	Do	16:45–18:50	GFH 01-721	QCD 2
T 121.1–121.9	Do	16:45–19:00	GFH 01-731	DAQ, Trigger, Elektronik 5
T 122.1–122.2	Fr	9:00–10:30	RW 1	Hauptvorträge 6
T 123.1–123.2	Fr	11:00–12:30	RW 1	Hauptvorträge 7

Mitgliederversammlung des Fachverbandes Teilchenphysik

Donnerstag 19:30 RW 2