



# Helmholtz International School "Modern Colliders - Theory and Experiment 2018" and Workshop "Calculations for Modern and Future Colliders (CALC2018)"

## Tuesday, 24 July 2018

### Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[39] Top-quark physics (Part 1)	DUDKO, Lev
09:30	Coffee break	
09:50	[43] Top-quark physics (Part 2)	DUDKO, Lev
10:50	[31] Linear e+e- colliders	Dr ZIMMERMANN, Frank

## Wednesday, 25 July 2018

### Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[32] Circular e+e- colliders	Dr ZIMMERMANN, Frank
09:30	Coffee break	
09:50	[34] Future hadron colliders and beyond	Dr ZIMMERMANN, Frank
10:50	[47] Top-quark physics (Part 3)	DUDKO, Lev

## Friday, 27 July 2018

### Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[37] Symbolic Programming in HEP (Part 1)	Dr RUIJL, Ben
09:30	Coffee break	
09:50	[38] Modern computational methods for scattering amplitudes (Part 1)	Prof. HENN, Johannes
10:50	[48] Effective theories in heavy quark physics (Part 1)	Dr GROZIN, Andrey

# Saturday, 28 July 2018

## Morning session (08:30 - 12:50)

time	[id] title	presenter
08:30	[41] Symbolic Programming in HEP (Part 2)	Dr RUIJL, Ben
09:30	Coffee break	
09:50	[42] Modern computational methods for scattering amplitudes (Part 2)	Prof. HENN, Johannes
10:50	[53] Effective theories in heavy quark physics (Part 2)	Dr GROZIN, Andrey
11:50	[44] Symbolic Programming in HEP (Part 3)	HAHN, Thomas

# Sunday, 29 July 2018

## Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[45] Symbolic Programming in HEP (Part 4)	HAHN, Thomas
09:30	Coffee break	
09:50	[46] Modern computational methods for scattering amplitudes (Part 3)	Prof. HENN, Johannes
10:50	[57] Effective theories in heavy quark physics (Part 3)	Dr GROZIN, Andrey

# Monday, 30 July 2018

## Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[49] Beyond the Standard Model (Part 1)	GROJEAN, Christophe
09:30	Coffee break	
09:50	[51] Beyond the Standard Model (Part 2)	GROJEAN, Christophe
10:50	[52] Higgs Physics (Part 1)	HEINEMEYER, Sven

## Tuesday, 31 July 2018

### Morning session (08:30 - 11:50)

time	[id] title	presenter
08:30	[54] Beyond the Standard Model (Part 3)	GROJEAN, Christophe
09:30	Coffee break	
09:50	[55] Higgs Physics (Part 2)	HEINEMEYER, Sven
10:50	[56] Higgs Physics (Part 3)	HEINEMEYER, Sven