

IWATE COLLIDER SCHOOL 2025

Hosted by KEK-IINAS-NX / Iwate U.

Period: February 24 (Mon) – March 1 (Sat), 2025

Venue: ANA Crowne Plaza Resort Appi Kogen

Lecture/Tutorial room: Oirase 奥入瀬 (B1F)

Poster, Coffee/Tea break room: Vegas ベガス (B1F)

Monday, February 24

16:00 - 16:30	Opening Remarks	Kaoru Hagiwara (KEK)
16:30 - 17:45	Lecture 1	"Collider experiments" Daniel Jeans (KEK)
17:45 - 18:15	Coffee Break	
18:15 - 19:30	Poster Session	
19:30 - 20:30	Dinner (Ryugamori, 竜ヶ森, 1F)	
20:30 -	Reception (Vegas, ベガス, B1F)	

Tuesday, February 25

6:30 -	Breakfast (ARLBERG, アルベルグ, 2F)	
8:30 - 9:45	Lecture 2	"The Standard Model of particle physics" Koichi Hamaguchi (U. of Tokyo)
9:45 - 10:15	Coffee Break	
10:15 - 11:30	Lecture 3	"Monte Carlo simulation" Olivier Mattelaer (UC Louvain)
11:30 - 16:30	Lunch/Ski Break	
16:30 - 17:45	Tutorial 1	"MadGraph5_aMC@NLO"
17:45 - 18:15	Coffee Break	
18:15 - 19:30	Tutorial 2	"MadGraph5_aMC@NLO"
19:30 -	Dinner (Ryugamori, 竜ヶ森, 1F)	

Wednesday, February 26

6:30 -	Breakfast (ARLBERG, アルベルグ, 2F)	
8:30 - 9:45	Lecture 4	"Beyond the Standard Model of particle physics" Koichi Hamaguchi (U. of Tokyo)
9:45 - 10:15	Coffee Break	
10:15 - 11:30	Lecture 5	"MadGraph5_aMC@NLO" Olivier Mattelaer (UC Louvain)
11:30 - 16:30	Lunch/Ski Break	
16:30 - 17:45	Tutorial 3	"MadGraph5_aMC@NLO etc."
17:45 - 18:15	Coffee Break	
18:15 - 19:30	Tutorial 4	"MadGraph5_aMC@NLO etc."
19:30 -	Dinner (Ryugamori, 竜ヶ森, 1F)	

Thursday, February 27

6:30 -	Breakfast (ARLBERG, アルベルグ, 2F)	
8:30 - 9:45	Lecture 6	"PDF, parton-shower/hadronization, LO merging" Timea Vitos (Uppsala U. / ELTE Budapest)
9:45 - 10:15	Coffee Break	
10:15 - 11:30	Lecture 7	"SMEFT" Benjamin Fuks (Sorbonne U.)
11:30 - 16:30	Lunch/Ski Break	
16:30 - 17:45	Tutorial 5	"MadGraph5_aMC@NLO etc."
17:45 - 18:15	Coffee Break	
18:15 - 19:30	Special Lecture	"Overview of the ILC, its significance and impact on the region and sustainability considerations" Masakazu Yoshioka (KEK / Iwate)
19:30 -	Banquet	

Friday, February 28

6:30 -	Breakfast (ARLBERG, アルベルグ, 2F)	
8:30 - 9:45	Lecture 8	"Precision calculations" Timea Vitos (Uppsala U. / ELTE Budapest)
9:45 - 10:15	Coffee Break	
10:15 - 11:30	Lecture 9	"LHC recasting" Benjamin Fuks (Sorbonne U.)
11:30 - 16:30	Lunch/Ski Break	
16:30 - 17:45	Tutorial 6	
17:45 - 18:15	Coffee Break	
18:15 - 19:30	Tutorial 7	
19:30 -	Dinner (Ryugamori, 竜ヶ森, 1F)	

Saturday, March 1

6:30 -	Breakfast (ARLBERG, アルベルグ, 2F)	
8:30 - 9:45	Tutorial 8	
9:45 - 9:55	Poster awards	Kei Yamamoto (Iwate U.)
9:55 - 10:00	Closing Remarks	Kentarou Mawatari (Iwate U.)
11:00	School Bus Departure (to Morioka Station)	

[NOTE] Please check-out by yourself before Tutorial 8.

