

Sampling 2013: Workshop on Sampling Particles on the Cooper-Frye Transition Surface (2013)

Thursday July 18 - Saturday July 20, 2013

Program:

Talks 30 min followed by 15 min discussion

Thursday, July 18

8:00 - 8:45	<i>Breakfast</i>	
8:45 - 9:00	Welcome	
9:00 - 9:30	Steffen Bass	Hybrid Hydro+Micro Models: history and future
9:45 - 10:15	Tetsufumi Hirano	Sampling routine matching hydro to JAM
10:30 - 11:00	<i>Coffee</i>	
11:00 - 11:30	Valentina Rolando	Sampling distributions at the end of hydro evolution
11:45 - 12:15	Yukinao Akamatsu	Sampling procedure in the hybrid model and related topics
12:30 - 14:00	<i>Lunch</i>	
14:00 - 14:30	Chun Shen (via Skype)	Improved sampling procedure in VISHNU
14:45 - 15:15	Jonah Bernhard	Sampling distributions at the end of viscous hydro evolution
15:30 - 16:00	<i>Coffee</i>	
16:00 - 18:15	Discussion	<i>How to treat the negative contributions and viscous corrections? When should we switch?</i>
18:30 -	<i>Dinner</i>	

Friday, July 19

8:00 - 9:00	<i>Breakfast</i>	
9:00 - 9:30	Hannah Petersen	Global conservation laws for sampling particles
9:45 - 10:15	Piotr Bozek	Local charge conservation
10:30 - 11:00	<i>Coffee</i>	
11:00 - 11:30	Francesco Becattini	Cooper-Frye with spin (TBC)
11:45 - 12:30	Discussion	<i>Which conservation laws should be obeyed and how?</i>
12:30 - 14:00	<i>Lunch</i>	
14:00 - 14:30	Sangwook Ryu	Sampling procedure in MUSIC+UrQMD hybrid
14:45 - 15:15	Yurii Karpenko	Sampling routine matching viscous hydro to UrQMD
15:30 - 16:00	<i>Coffee</i>	
16:00 - 18:15	Discussion	<i>Conservation laws? Chemical composition and EoS? Common standards for sampling?</i>
18:30 -	<i>Barbecue</i>	

Saturday, July 20

8:00 - 9:00	<i>Breakfast</i>	
9:00 - 9:30	Zachary Wolff	Viscous corrections to the distribution function on the transition hypersurface
9:45 - 10:15	Scott Pratt	Sampling particles to connect 3+1d viscous hydrodynamics with hadron transport
10:30 - 11:00	<i>Coffee</i>	
11:00 - 12:30	Summary/Discussion	<i>Standard sampling routine? What we all agree on?</i>
12:30 -	<i>Lunch</i>	
	end of workshop	