

**Draft Program Workshop Heavy-Flavor Transport in QCD Matter**  
**ECT\* Trento (Apr 26-30, 2021 CET)**  
**all slots include minimum of 5 minutes for discussion**

Monday April 26

**Session-1**

14:15-14:30	Welcome and Outline of the Objectives	
14:30-15:05	Experimental overview	A. Dainese
15:05-15:40	Heavy-Quark Transport from Lattice-QCD	P. Petreczky
15:40-15:50	Break	
15:50-16:20	Report of EMMI-RRTF on Open HF	M. He
16:20-16:50	Report of HQ-jet working group	J. Aichelin
16:50-17:20	Bulk Evolution Models for Heavy Flavor	S. Bass
17:20-17:30	Break	
<b>Session-2</b>	Homework	convener: R. Averbeck
17:30-18:10	HF in the Strong 2020 Initiative	
18:10-19:00	Discussion of HW results	G. Bruno and M. Giacalone

Tuesday April 27

*Heavy-Quark Diffusion and Lattice-QCD Charge: Discuss elastic HQ interactions in QGP and how they are constrained by lattice QCD, relation to bulk medium (EoS, not evolution)*

<b>Session-3</b>	Chair: V. Greco	
14:00-14:20	HQ Diffusion Coefficient from Lattice QCD	Leino
14:20-14:40	TAMU	He/Rapp
14:40-15:00	LBNL	Wang/Cao
15:00-15:20	Nantes	Aichelin/Gossiaux/Nahrgang
15:20-15:40	PHSD	Song/Bratkovskaya
15:40-15:50	Break	
15:50-16:10	Catania	Greco/Das/Plumari
16:10-16:30	Frankfurt	van Hees
16:30-16:50	Duke	Bass/Fan
16:50-17:10	SCET	Vitev
17:10-17:30	DAB-MOD	Katz
17:30-17:50	Katz	Liao
17:50-18:00	Break	
<b>Session-4</b>	Convener: R. Rapp	
18:00-19:00	Plenary discussion and preliminary wrap-up	

## Wednesday April 28

*Heavy-Quark Hadronization and Hadronic Phase Charge: Discuss how heavy quarks are hadronized around  $T_c$ , including constraints from conservation laws, equilibrium limit, etc., as well as modeling of HF transport in the hadronic phase*

<b>Session-5</b>	Chair: Y.J. Lee	
14:00-14:20	SHM	Andronic/PBM/Stachel
14:20-14:40	LBNL	Wang/Cao
14:40-15:00	TAMU	He/Rapp
15:00-15:20	PHSD	Song/Bratkovskaya
15:20-15:40	Catania	Greco/Das/Plumari
15:40-15:50	Break	
15:50-16:10	SCET	Vitev
16:10-16:30	Frankfurt	van Hees
16:30-16:50	Duke	Bass/Fan
16:50-17:10	Nantes	Aichelin/Gossiaux/Nahrgang
17:10-17:30	DAB-MOD	Katz
17:30-17:40	Break	
Session-6	Convener: P. Gossiaux	
17:40-18:40	Plenary discussion and preliminary wrap-up	

## Thursday April 29

*Heavy-Quark Gluon Radiation Charge: Discuss how radiation processes are calculated (elastic kernel, etc.) and implemented into transport simulation*

Session-7	Chair: van Hees	
14:00-14:20	LBNL	Wang/Cao
14:20-14:40	Nantes	Aichelin/Gossiaux/Nahrgang
14:40-15:00	Duke	Bass/Fan
15:00-15:20	TAMU	He/Rapp
15:20-15:30	Break	
15:30-15:50	CUJET	Liao
15:50-16:10	DAB-MOD	Katz
16:10-16:30	Catania	Greco/Das/Plumari
16:30-16:50	PHSD	Song/Bratkovskaya
16:50-17:10	Frankfurt	van Hees
17:10-17:20	Break	
Session-8	convener: X.N. Wang	
17:20-18:20	plenary discussion and preliminary wrap-up	

## Friday, April 30

*Bulk Evolution and Future Plans*

15:30-16:00	Plenary discussion	convener: X. Dong
16:00-16:30	Future Actions and Closing	