

09:00	Glasma calculations from proper time expansions	Margaret Carrington	
	KBW Lecture Hall, GSI	09:00 - 09:30	
	Jet quenching in glasma	Stanislaw Mrowczynski	
10:00	KBW Lecture Hall, GSI	09:30 - 10:00	
	Jet transport coefficients in the Glasma	Pablo Guerrero	
	KBW Lecture Hall, GSI	10:00 - 10:30	
11:00	Coffee break		
	KBW Lecture Hall, GSI	10:30 - 11:00	
	Determination of the leading Lyapunov exponent for the glasma fields	Pooja -	
12:00	KBW Lecture Hall, GSI	11:00 - 11:30	
	Jet quenching in the glasma phase	Xoan Mayo Lopez	
	KBW Lecture Hall, GSI	11:30 - 12:00	
13:00	Probing the properties of strongly interacting QGP by jet partons	Elena Bratkovskaya	
	KBW Lecture Hall, GSI	12:00 - 12:30	
	Lunch		
14:00			
		12:30 - 14:30	
15:00	Open quantum system approach to the transverse momentum broadening of a colour dipole	Pietro Benzoni	
	KBW Lecture Hall, GSI	14:30 - 15:00	
	Hamiltonian evolution of jets in the Glasma phase	Carlos Lamas Rodríguez	
16:00	KBW Lecture Hall, GSI	15:00 - 15:30	
	Coffee break		
	KBW Lecture Hall, GSI	15:30 - 16:00	
17:00	Discussion on Wednesday	Andrey Sadofyev	
	KBW Lecture Hall, GSI	16:00 - 17:00	

Glasma properties from a proper time expansion

M.E. Carrington

Brandon University, Manitoba, Canada

Collaborator: Stanisław Mrówczyński

also: Alina Czajka, Bryce Friesen, Doug Pickering, J.Y. Ollitrault . . .

July 15, 2026

Jet quenching in glasma

Stanisław Mrówczyński

National Centre for Nuclear Research, Warsaw, Poland

in collaboration with Margaret Carrington &

Alina Czajka, Bryce Friesen,
Jean-Yves Ollitrault and Doug Pickering



Open quantum system approach to the transverse momentum broadening of a colour dipole

Pietro Benzoni (Subatech, Nantes)

based on

F. Arleo, PB, P. Caucal, P. B. Gossiaux, 2606.07744



Hamiltonian evolution of jets in the Glasma phase

Carlos Lamas (carloslamas.rodriquez@usc.es)

In collaboration with Dana Avramescu, Tuomas Lappi, Meijian Li and Carlos A. Salgado

Based on
[2605.10413]
[2604.08520]



25/07/26

Jet transport coefficients in the Glasma

Pablo Guerrero Rodríguez^a

Based on work with Liliana Apolinário^b and José Soares^b

July 15th 2025

EMMI workshop: Probing the early stages with jets
(Darmstadt, Germany)

^a Instituto Galego de Física de Altas Enerxías (IGFAE)

^b Laboratório de Instrumentação e Física Experimental de Partículas (LIP)

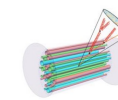


Probing the properties of strongly interacting QGP by jet partons

Elena Bratkovskaya
(GSI, Darmstadt & Uni. Frankfurt)

&
Iliia Grishmanovskii, Olga Soloveva,
Taesoo Song, Carsten Greiner

EMMI Workshop "Probing the early stages with jets"
July 13-17, 2026
GSI, Darmstadt



Determination of the leading Lyapunov Exponent for the Boost-Invariant Glasma fields

Leading Lyapunov exponent in the Glasma
Pooja, Dana Avramescu, Tuomas Lappi
Phys. Rev. D 114, 014010 (2026)^{EM}



Pooja

University of Jyväskylä
Center of Excellence in Quark Matter

EMMI Workshop:
Probing the early stages with jets



Jet quenching in the glasma phase

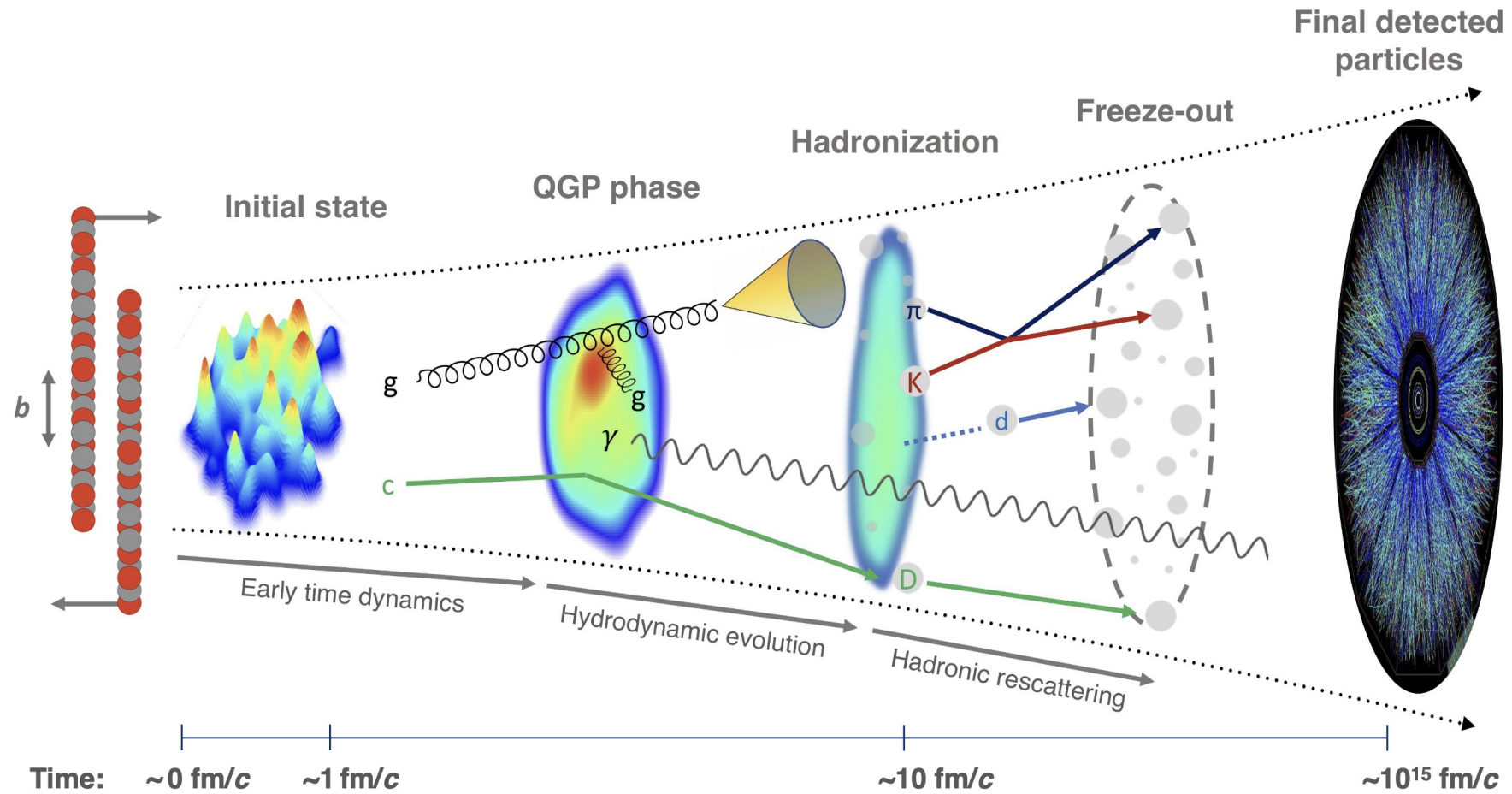
Xoán Mayo López, CTP-LI (MIT)

xoanmi@mit.edu

July 15th 2026, GSI

Based on 2406.07615 and 26xx.xxxxx

In collaboration with Avramescu, Barata, Hauksson, Lappi, Sadofyev



- What do we understand by now about the energy loss during the very first moments after HIC and beyond?
- How can we access that in experiment? What suggestions do we have on the two sides?
- What is the most pressing missing element in our description of the matter in HIC?