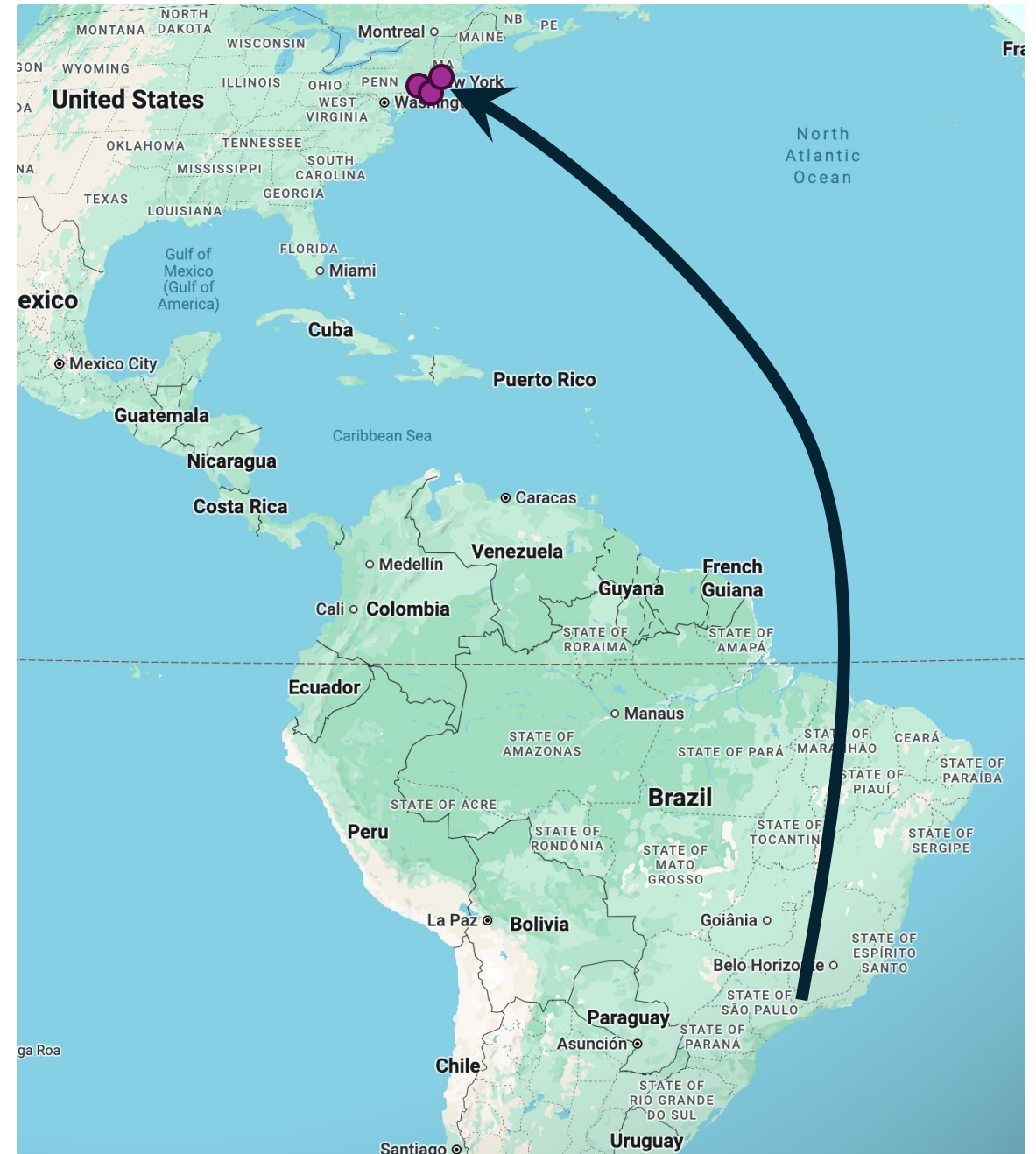


Brazilian Contribution to STAR & Impact of STAR to Brazil

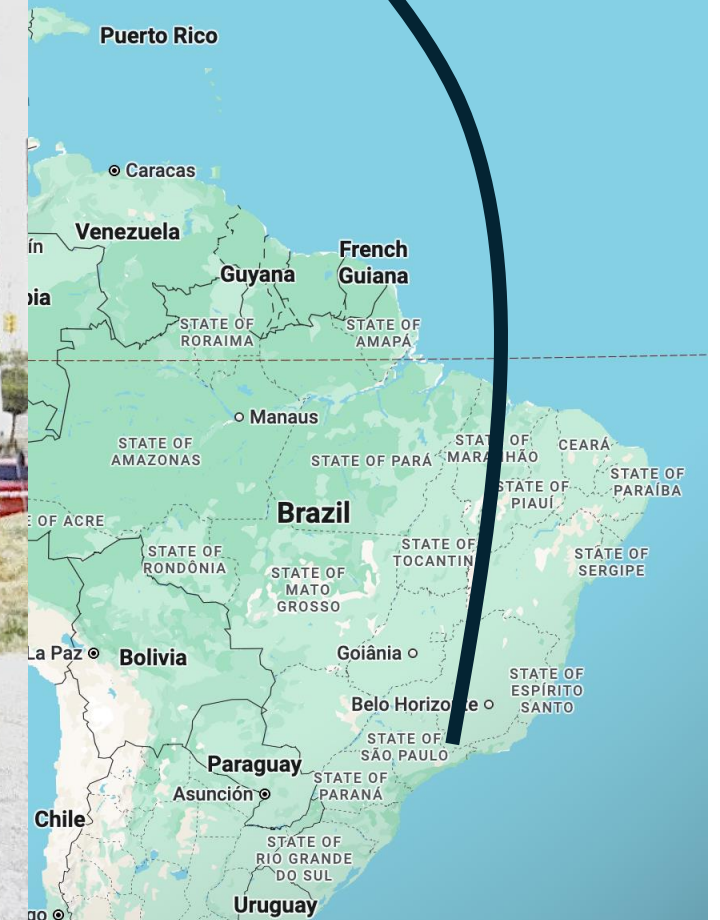
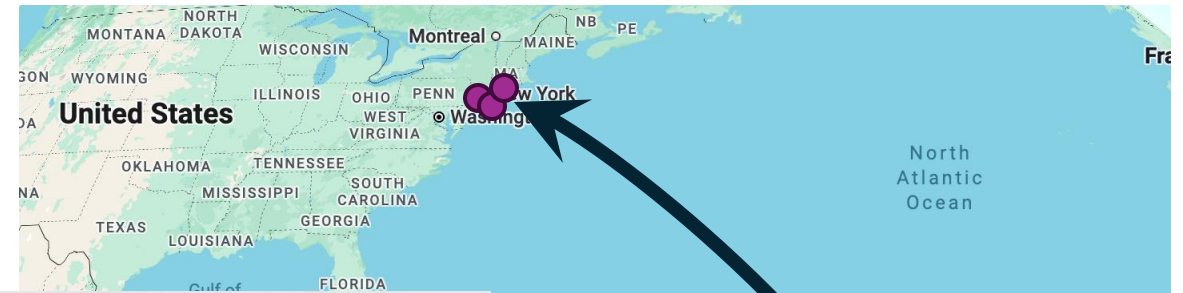
Jun Takahashi



1995



1995



1995: We came to learn and contribute:

AGS:

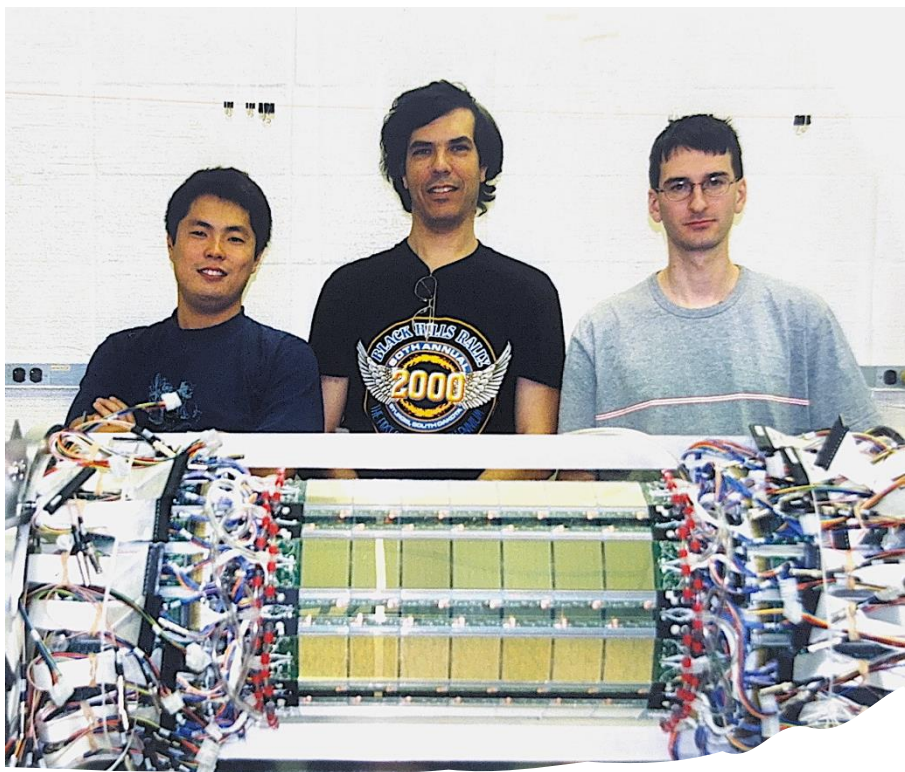
- E896
- E866

STAR

- Hardware
- Software

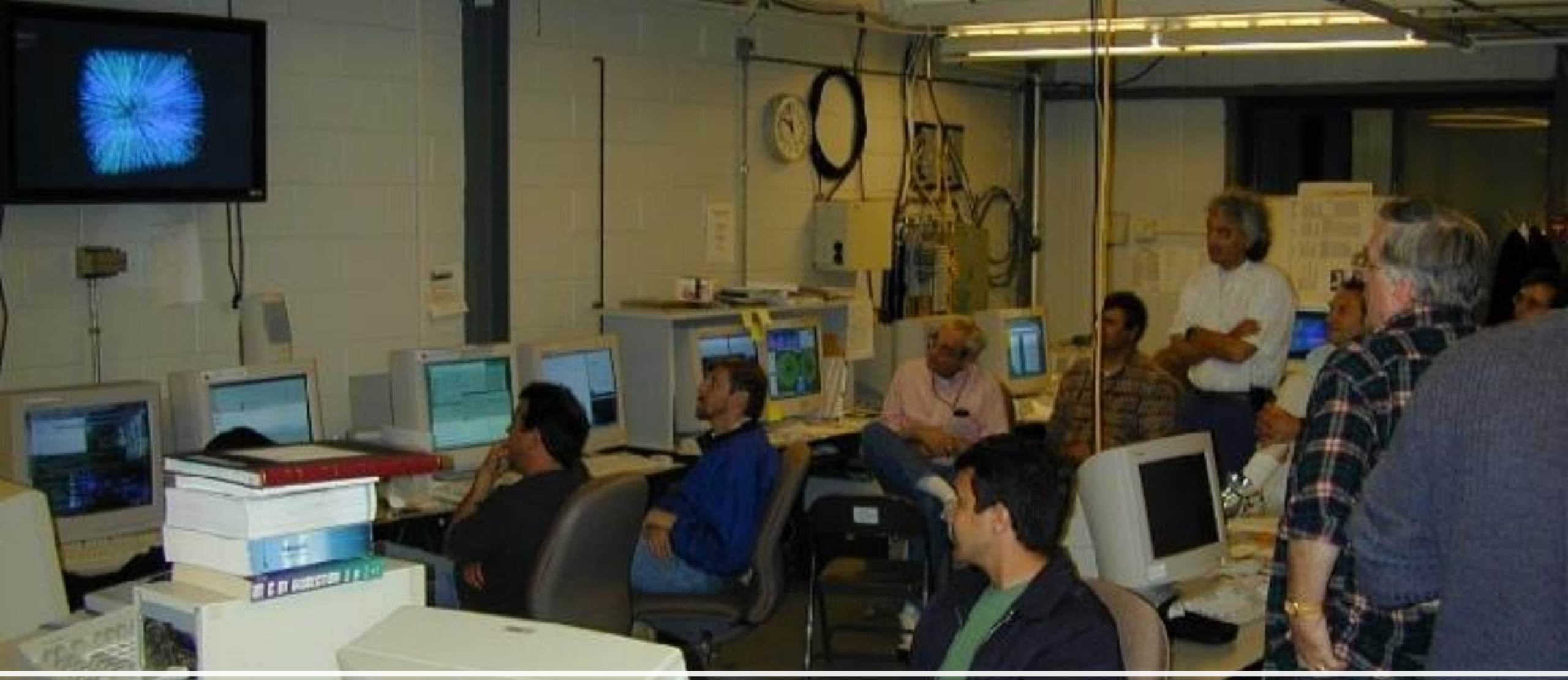
Rolf @ Instrumentation
Division BNL





Challenging Project
with a dedicated crew





2000, witnessing history

Many Physics discussions

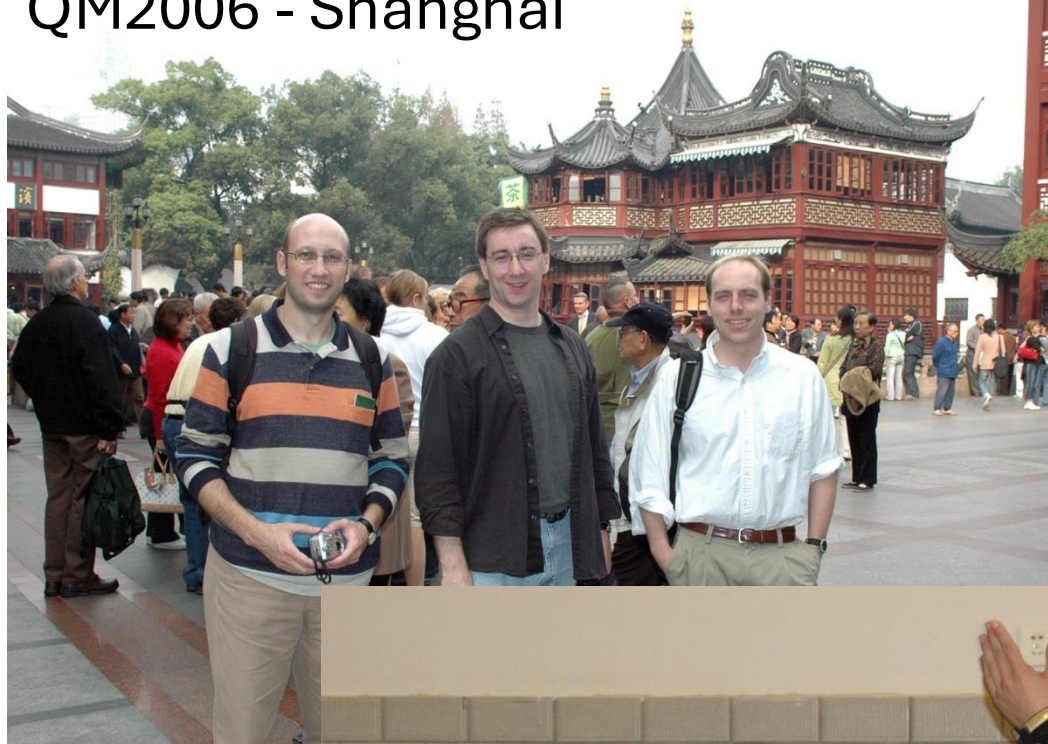
QM 2002-Nantes



STAR Meeting -2004 BNL



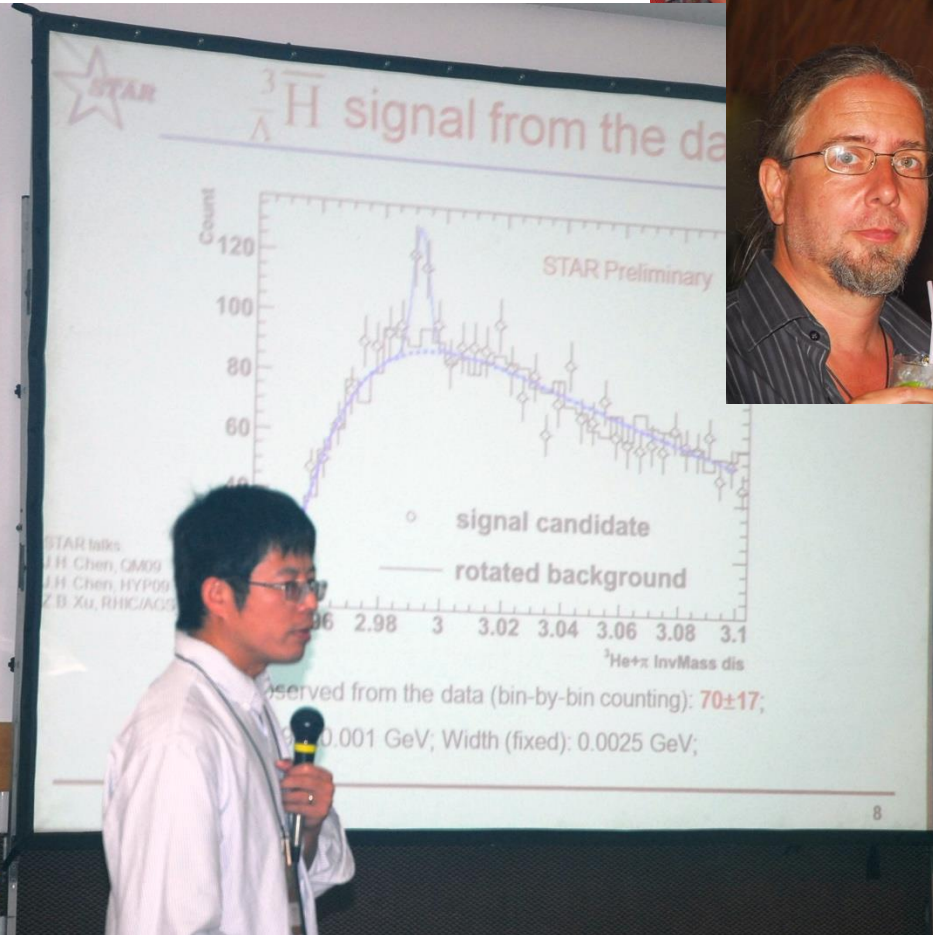
QM2006 - Shanghai



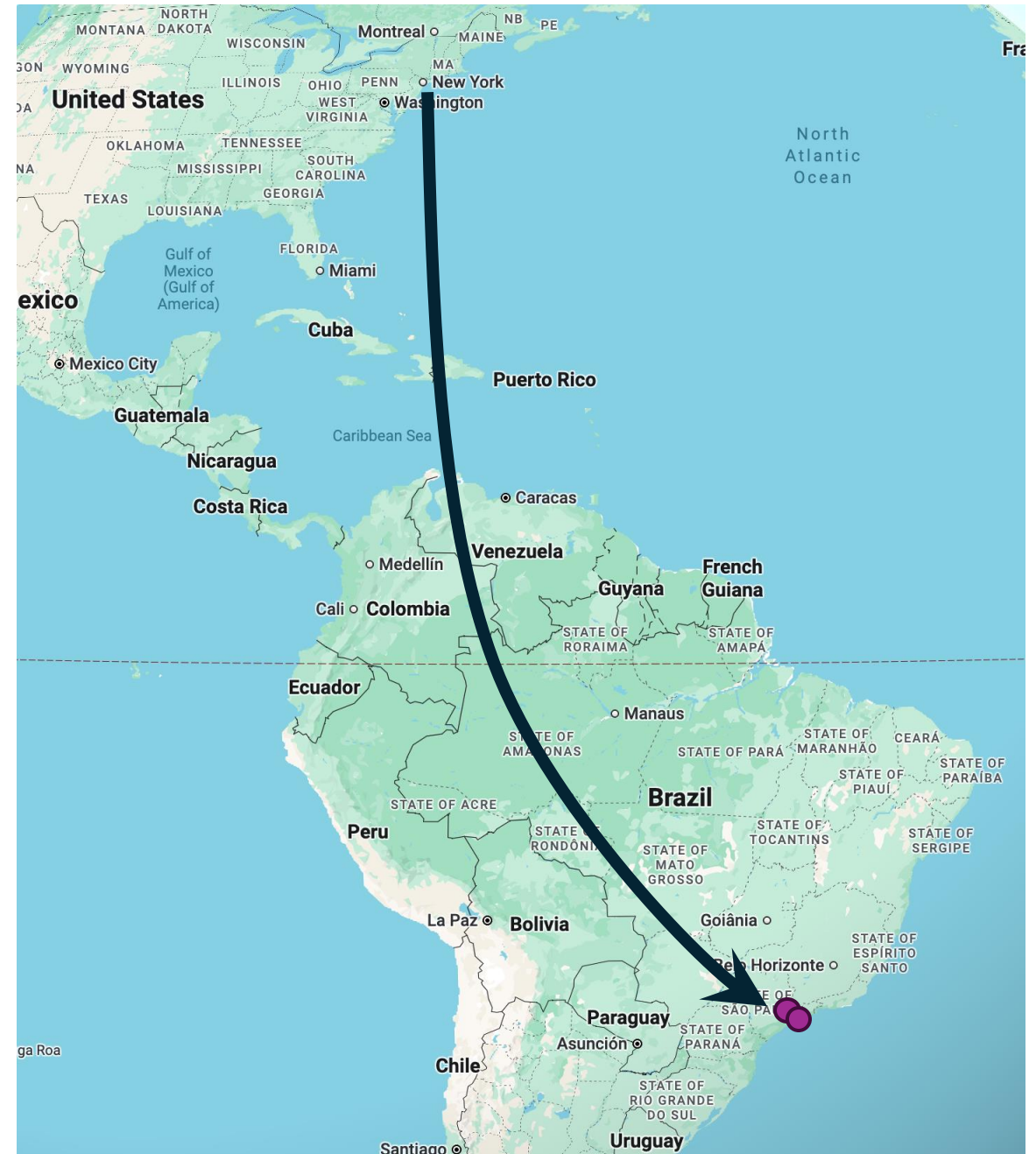
STAR Meeting -2006 Hefei



SQM2009



~2001-2002





Marcelo Munhoz:

- Karin Fornazier (MS 2007)
- Ulisses de Souza (MS 2013)

Strangeness Physics

Online Software Coordination



Marcelo Munhoz:

- Karin Fornazier (MS 2007)
- Ulisses de Souza (MS 2013)

Strangeness Physics

Online Software Coordination



Alexandre Suaide:

- Mauro Rogério Cosentino (DR 2008)
- Lucas Lima (MS 2011)
- Renato Negrão DR (2014)
- Felipe Melo DR (2024)

Heavy Flavor physics

EMC software

Heavy Flavor PWG Convenor

JT

- Rafael Derradi (MS 2008)
- Geraldo Vasconcelos (MS 2008)

Strangeness Physics

SDD development

SVT Hardware Integration

Strangeness & Light Flavor PWG

Editorial Board



JT

- Rafael Derradi (MS 2008)
- Geraldo Vasconcelos (MS 2008)

Strangeness Physics

SDD development

SVT Hardware Integration

Strangeness & Light Flavor PWG

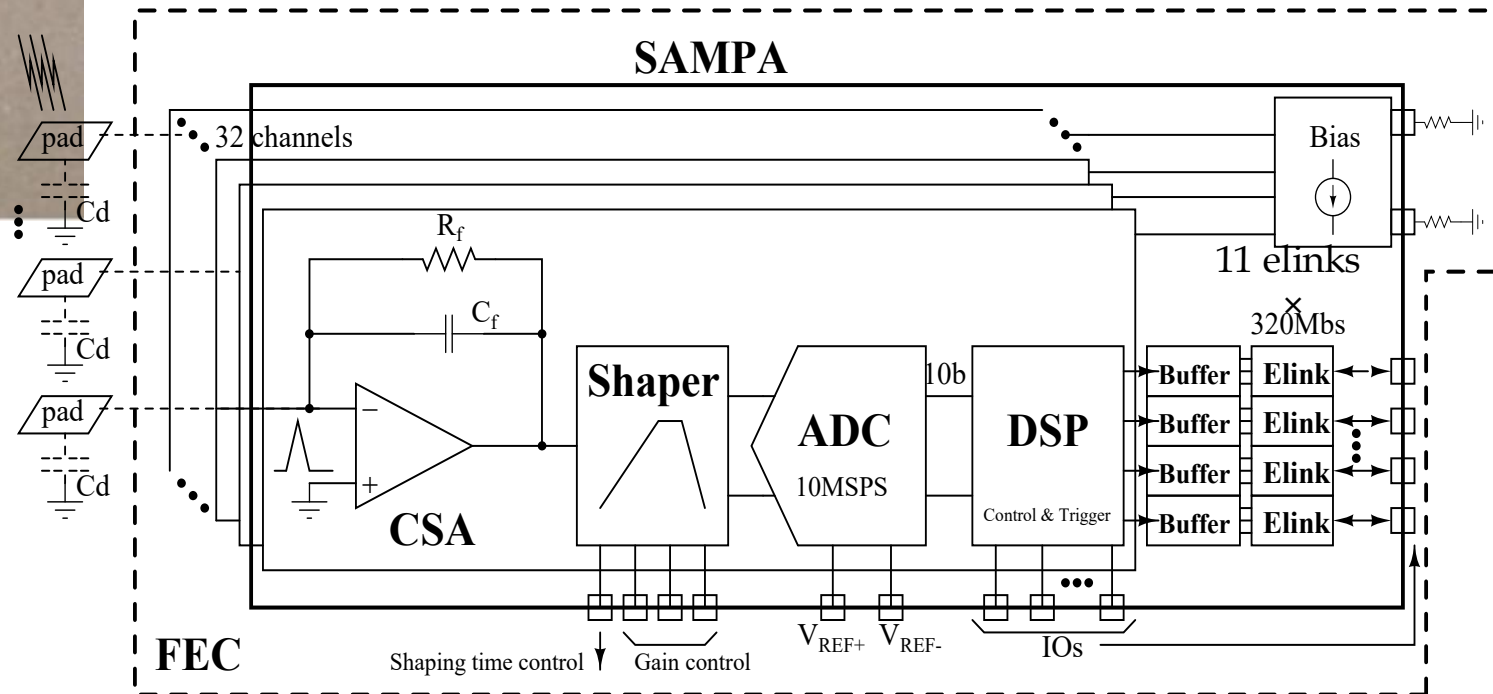
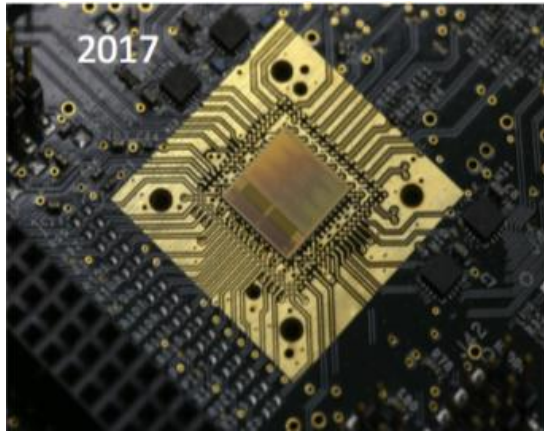
Editorial Board



- Gabriel Reis Garcia (DR 2023) in ALICE but now joined STAR



2018: SAMPA Front End-Chip to STAR



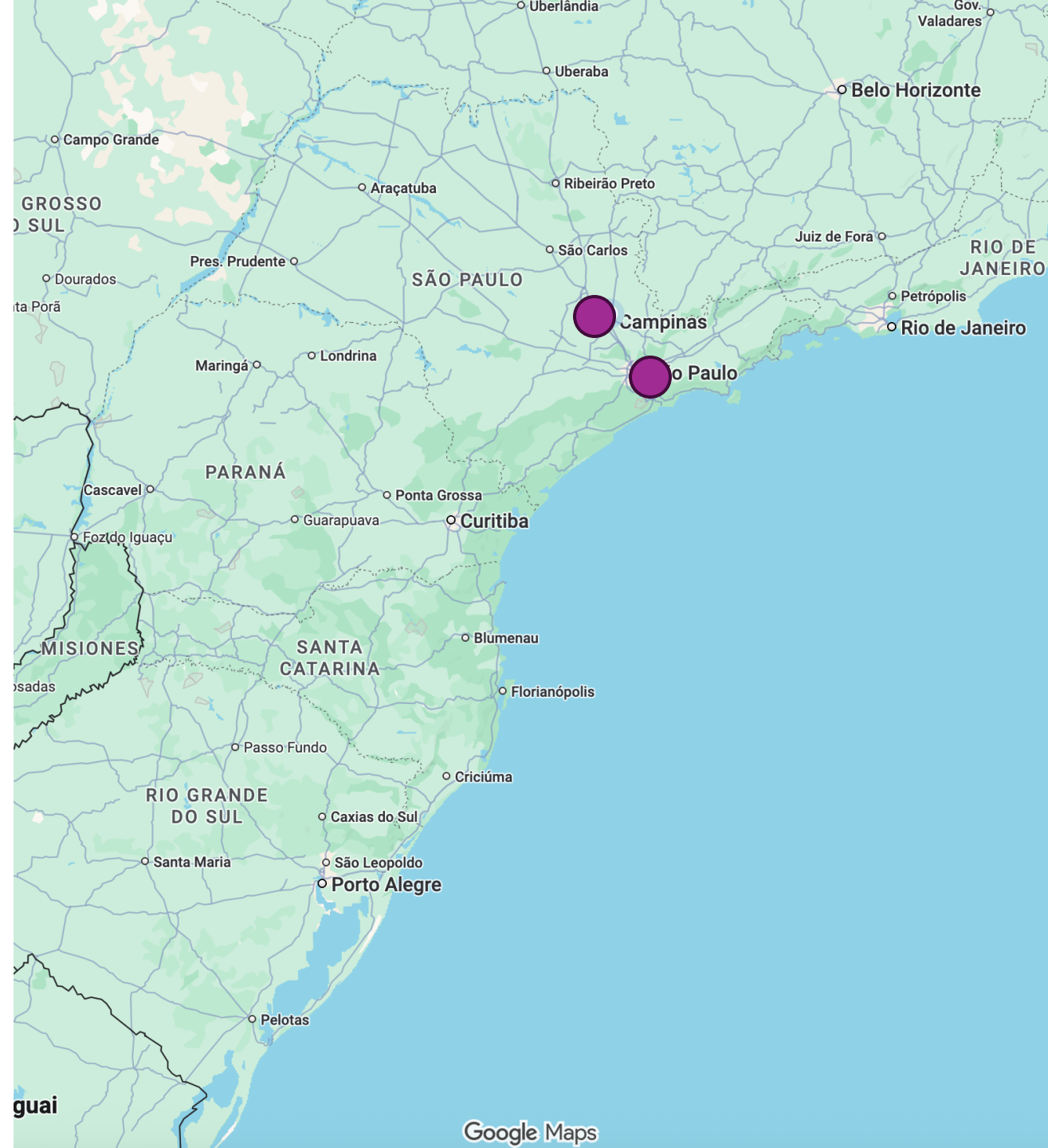
Charge pulse amplification, shaping, digitalization, digital filters and communication with the data acquisition via a large bandwidth connection.

Impact of STAR to the Brazilian HI community



Impact of STAR to the Brazilian HI community

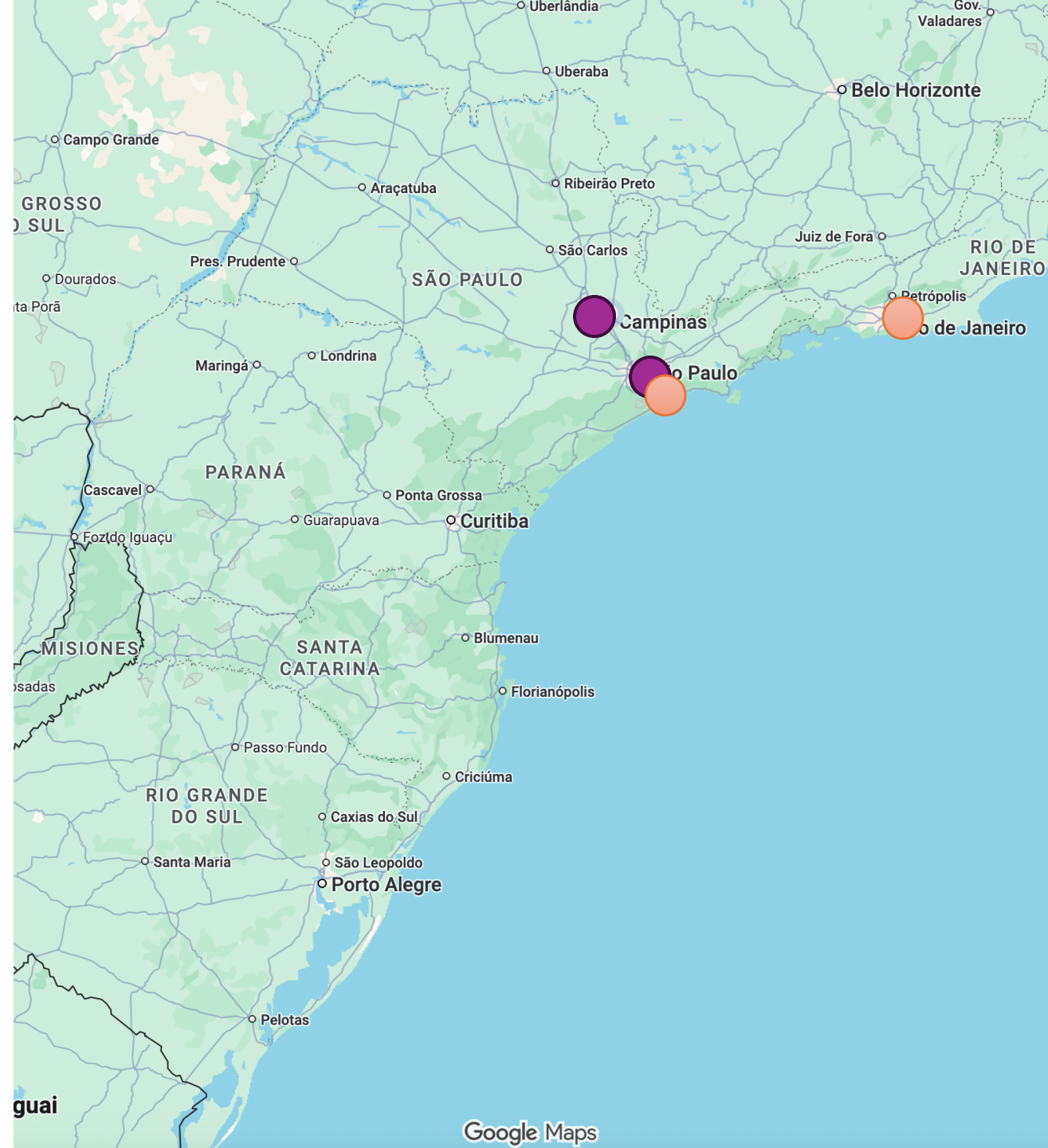
~ 2005 : Marcelo & Alexandre @ USP
JT @ Unicamp



Impact of STAR to the Brazilian HI community

~ 2005 : Marcelo & Alexandre @ USP
JT @ Unicamp

~ 2005 : Kodama (Rio), Yojiro &
Padula (SP)

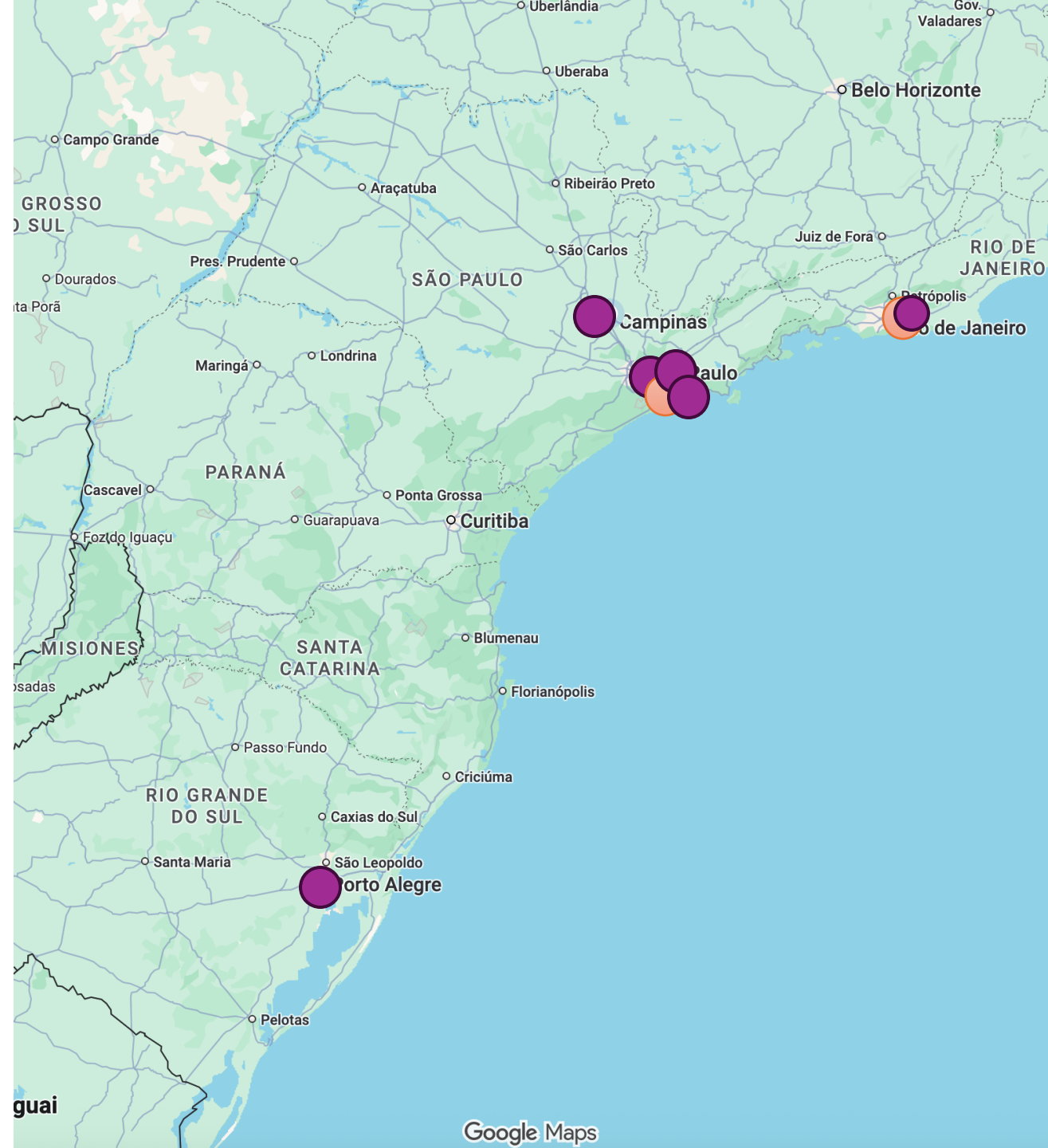


Impact of STAR to the Brazilian HI community

~ 2005 : Marcelo & Alexandre @ USP
JT @ Unicamp

~ 2005 : Kodama (Rio), Yojiro &
Padula (SP)

Today: USP, UNICAMP, UFRJ, UFRGS,
UFABC, UNESP
~12 Researchers & ~20 Students



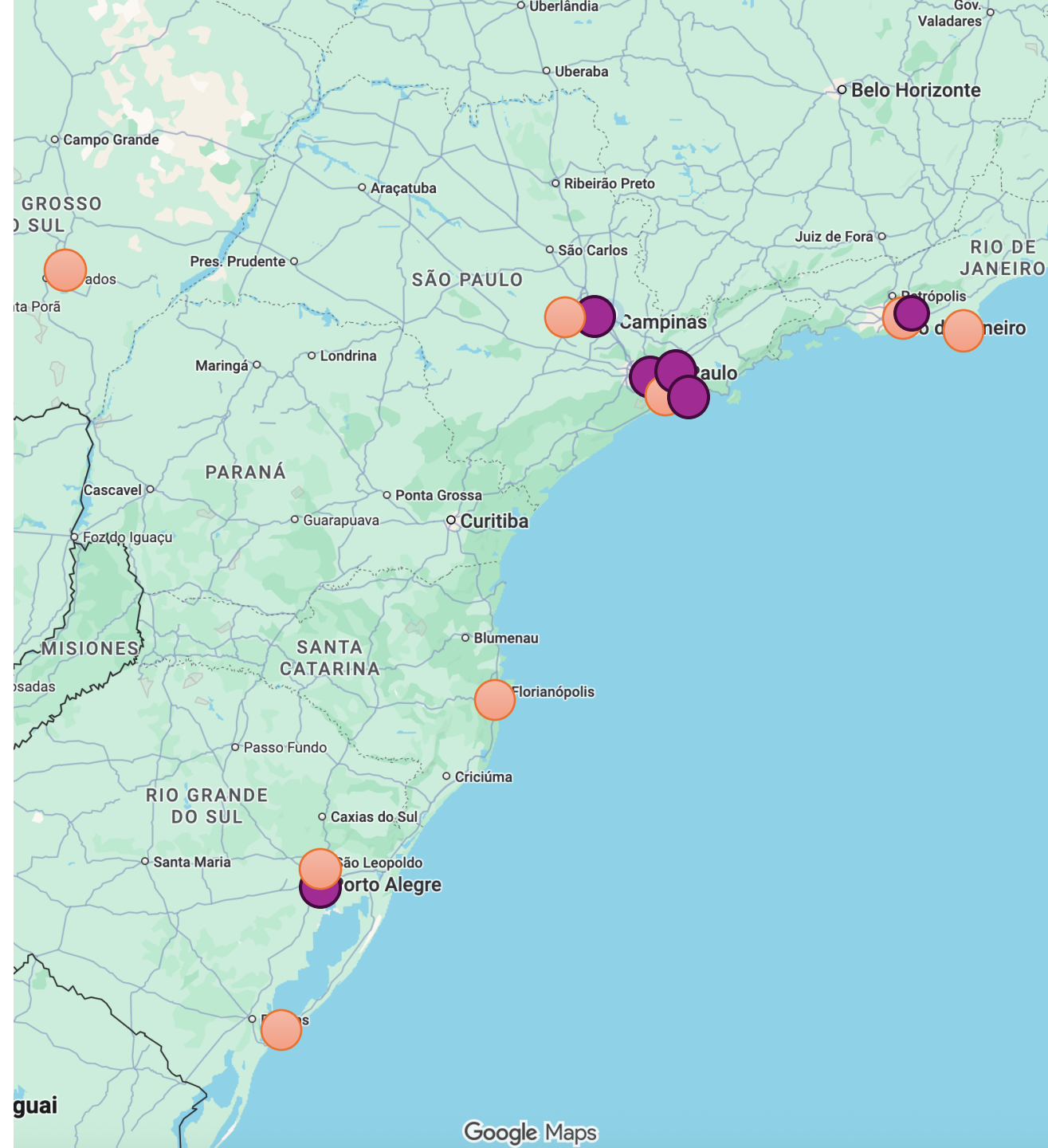
Impact of STAR to the Brazilian HI community

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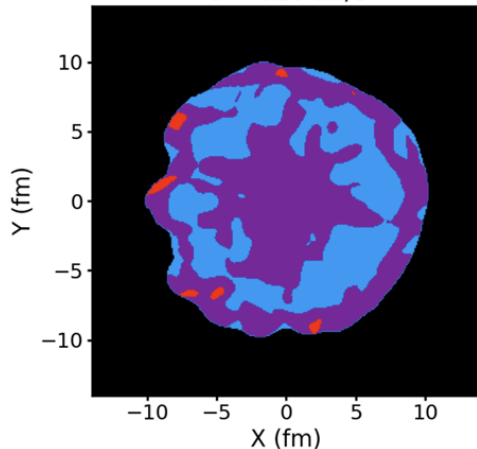
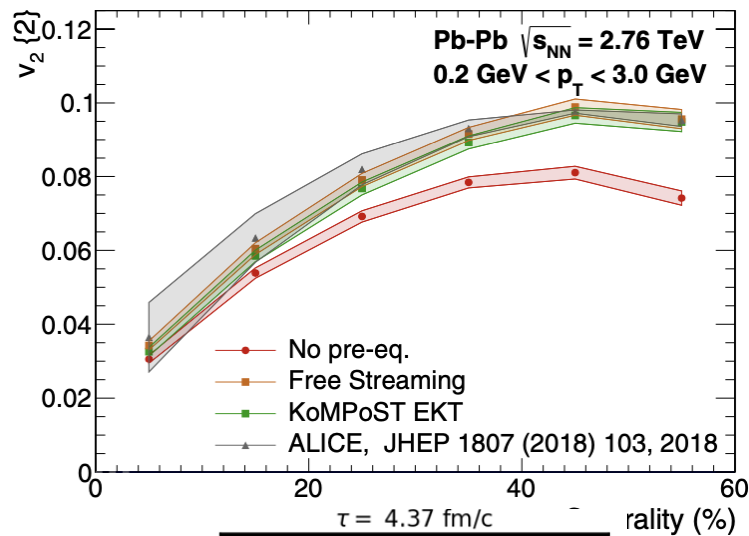
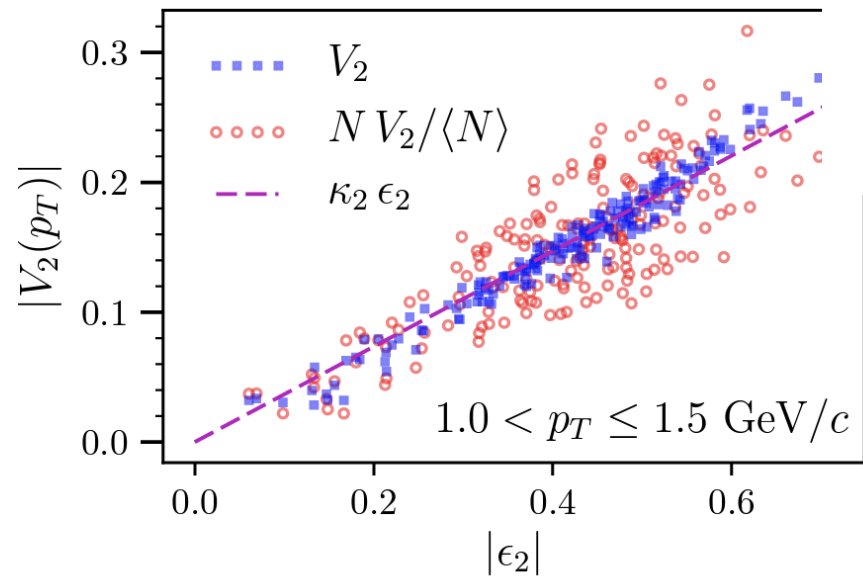
Today: USP, UNICAMP, UFRJ, UFRGS,
UFABC, UNESP
~12 Researchers & ~20 Students

Today: USP, UNICAMP, UFRJ, UFRGS,
UFPeI, UFSC, UFGD, UFF, IFT
~20 Researchers & 30 Students

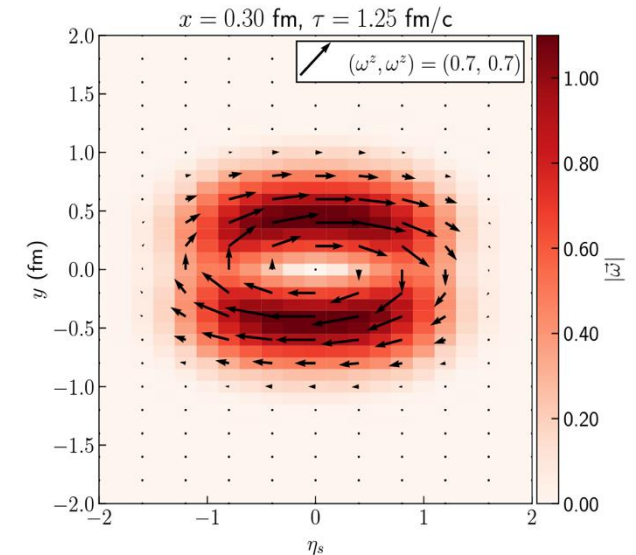
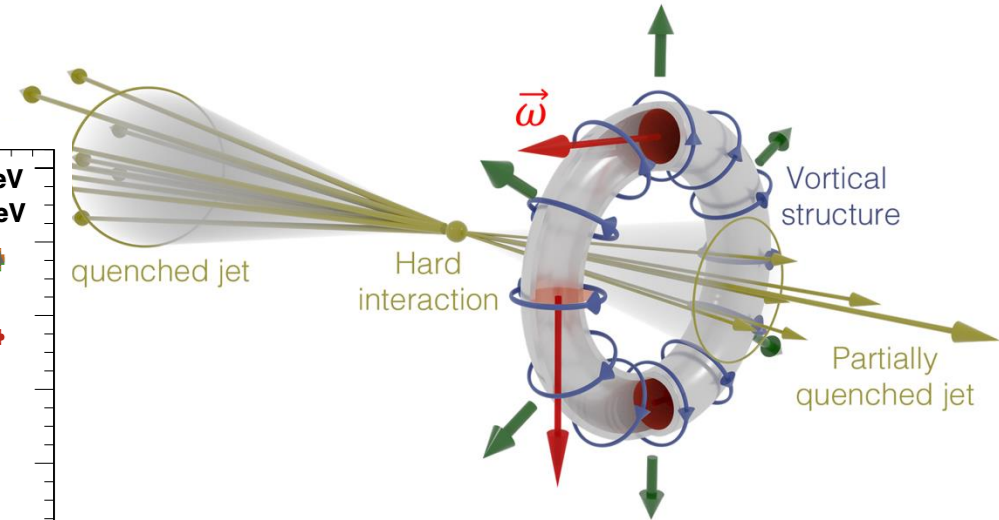


The EXTREME collaboration: Phenomenology in HI collisions

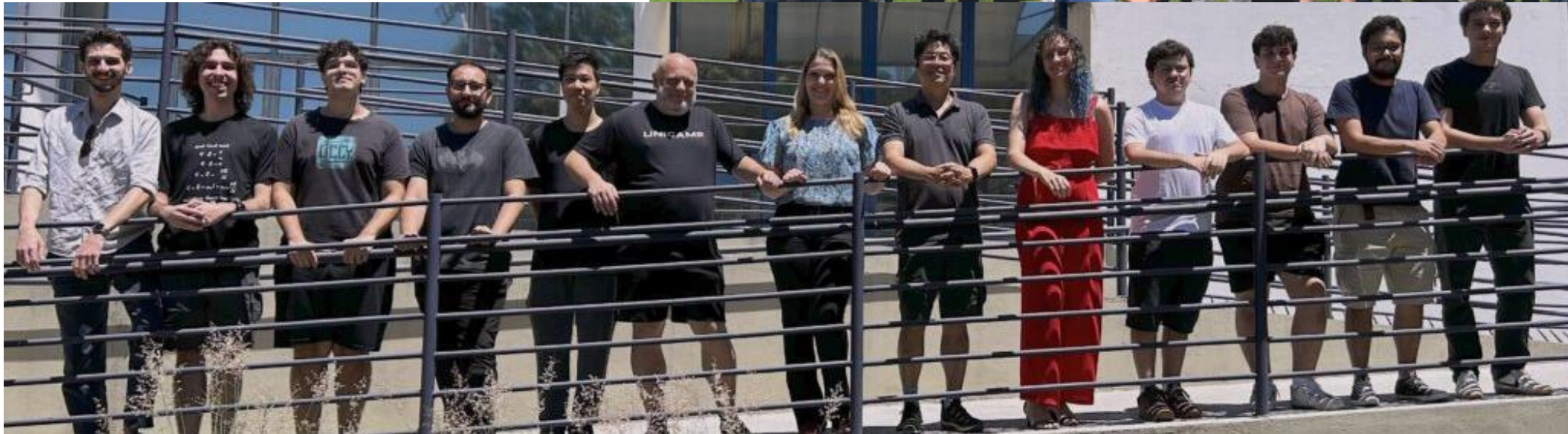
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PRC 109, 034908 (2024) ...



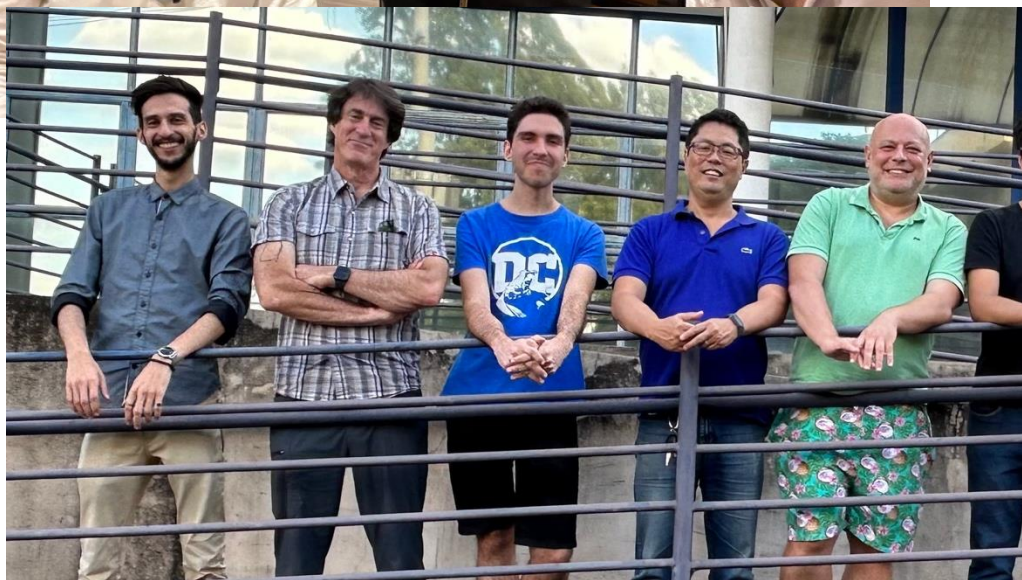
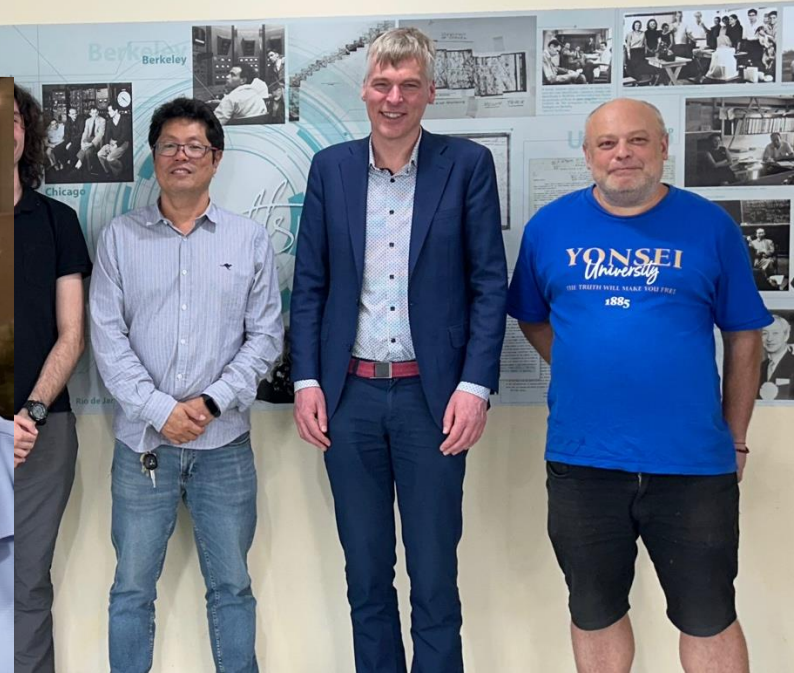
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PRC 110, 054908 (2024)...

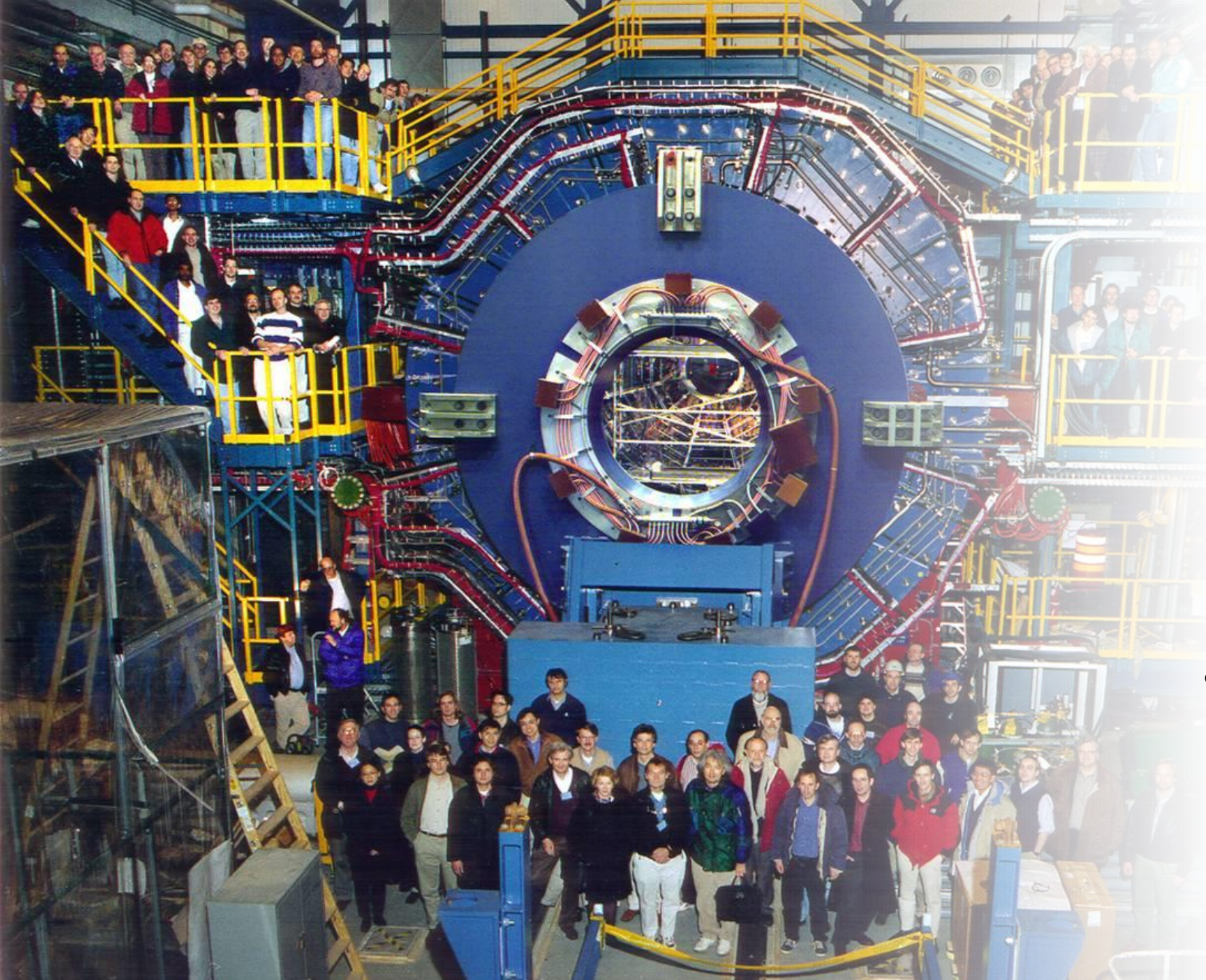


Our groups in Brazil



Come and visit us





Thank you STAR
for all the
support,
welcome and
friendships we
got over the years