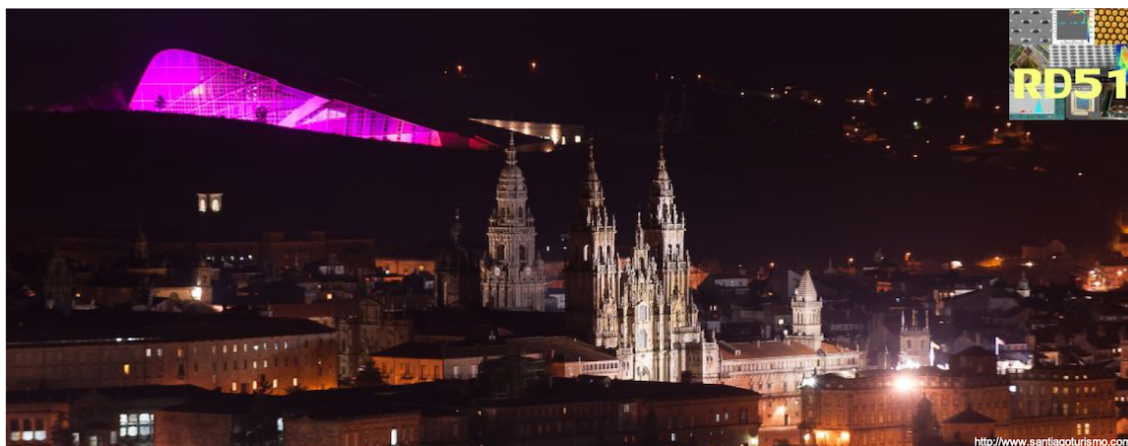


Session Program

5-9 Oct 2020



RD51 collaboration meeting and topical workshop on New Horizons in Time Projection Chambers

TPC workshop - Fundamentals

virtual vidyo room

Monday 5 October

14:00

TPC workshop - Fundamentals

Session | **Location:** virtual vidyo room | **Conveners:** Diego Gonzalez Diaz, Paul Colas

14:00–14:10

Foreword

Speaker

David Nygren

14:10–14:40

Transport of primary particles and ionization electrons in Garfield++

Speaker

Heinrich Schindler

14:40–15:10

A modern approach to electron transport: a crash course in Pyboltz/MagBoltz

Speaker

Austin McDonald

15:10–15:40

Ions backflow in TPCs: simulations, measurements and suppression

Speaker

David ATTIE

15:40

16:00

TPC workshop - Fundamentals

Session | **Location:** virtual vidyo room | **Conveners:** Diego Gonzalez Diaz, Paul Colas

16:00–16:40

Ion Mobility

Speaker

André Cortez

16:40–17:10

Transfer reactions leading to Penning effect

Speaker

Ozkan Sahin

17:10–17:40

Transfer reactions leading to scintillation

Speaker

Diego Gonzalez Diaz

17:40