

CKM 2023
**12th INTERNATIONAL WORKSHOP
ON THE CKM UNITARITY TRIANGLE**

Welcome
Veronika Chobanova for the LOC





Local organizing committee

CKM 2023
12th INTERNATIONAL WORKSHOP
ON THE CKM UNITARITY TRIANGLE

KOBAYASHI
CABIBBO
MASKAWA

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SANTIAGO DE COMPOSTELA
18-22 SEPTEMBER 2023

Local Organizing Committee

- Veronika Chobanova (UdC)
- Blanca Cordero (UdC)
- Diego Martínez Santos (GAIN/USC/IGFAE)
- Enric Miralles (UdC)
- Carles Miralles Pardo (IFIC/CSIC)
- Diego Martínez Santos (IFIC/CSIC)
- Alfred Oller (IFIC/CSIC)
- Clara Prada ESCOBAR

Programme Committee

- Veronika Chobanova
- Blanca Cordero
- Diego Martínez Santos
- Enric Miralles
- Carles Miralles Pardo
- Diego Martínez Santos
- Alfred Oller
- Clara Prada ESCOBAR

International Advisory Committee

- Veronika Chobanova
- Blanca Cordero
- Diego Martínez Santos
- Enric Miralles
- Carles Miralles Pardo
- Diego Martínez Santos
- Alfred Oller
- Clara Prada ESCOBAR

INTALENT USC · INDITEX gain IFIC IGFAE USC SILVIA DE GALICIA

- Veronika Chobanova [chair] (UdC)
- Jeremy Dalseno (USC/IGFAE)
- Elvira Gámiz (UGR)
- Sven Heinemeyer (IFT, UAM/CSIC)
- Joaquim Matias (UAB/IFAE)
- Carlos Mariñas Pardo (IFIC/CSIC)
- Diego Martínez Santos (GAIN/USC/IGFAE)
- Arantza De Oyanguren Campos (IFIC/UV)
- Antonio Pich (IFIC/UV)
- Claire Prouvé (USC/IGFAE)



Organizers with HEP research activities at two Galician universities

- University of A Coruña
- University of Santiago de Compostela/Instituto Galego de Física de Altas Enerxías



Poster and present

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 18-22 SEPTEMBER 2023**

CKM 2023

Local Organizing Committee	Programme Committee	International Advisory Committee
<ul style="list-style-type: none"> Verónica Chobanova (Spain) (LHC) Alvaro Domínguez (Spain) (LHC) David López (Spain) (LHC) David Martín (Spain) (LHC) Carles Muñoz (Spain) (LHC) Diego Martínez (Spain) (LHC) Alfonso Pérez (Spain) (LHC) David Pérez (Spain) (LHC) 	<ul style="list-style-type: none"> Verónica Chobanova (Spain) Alfonso Pérez (Spain) David López (Spain) Carles Muñoz (Spain) Diego Martínez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) 	<ul style="list-style-type: none"> Paula Baran (Canada) (LHC) Diego Martínez (Spain) Alfonso Pérez (Spain) David López (Spain) Carles Muñoz (Spain) Diego Martínez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain) David Pérez (Spain) Alfonso Pérez (Spain)

- Created by the famous Galician artist **Xosé Vizoso**
- Known for his designs of the Sargadelos porcelain ceramics, drawings and event posters



- The **unca** present is made of porcelain too





San Martín Pinario

- Monastery San Martín Pinario, second largest in Spain
- Used to be a Benedictian Monastery, now a major seminary
- The monastery offers guided visits and concerts on Tuesday evenings, more information at <https://www.espacioculturalsmpinario.com/>





Practical information

- **Plenary and parallel session** rooms
 - Salón Peregrinos (level -1)
 - Aula Magna (level 1)
 - Sala Palatino (level 2)
- **Lunch** is served from Monday to Thursday in the restaurant of Hospedería San Martín Pinario (level -1)
- **Coffee** is served in the passage next to the patio (level -1)



Restaurant



Coffee breaks



Social program

- **Welcome reception** on Monday starting at 20:00 at NH Collection Hotel
- **Excursion** to the coast on Wednesday starting at 16:00 at the docks of Avenida de Xoán XXIII
- **Walking tour** of Santiago on Wednesday starting at 17:00 at Hospedería San Martín Pinario
- **Dinner** on Thursday starting at 20:00 in the restaurant of San Francisco Hotel



Docks Avenida de Xoán XXIII



San Francisco



Practical information

- For anything related to the **social program** and the **registration** (identification, payment, invoices, certificates) contact directly the **Trevisani** agency
 - at the desk at the entrance of Salón Peregrinos or
 - at congresockm23@trevisani.es
- We will take a picture of the participants on Thursday right after the end of the morning session
- Local support from our PhD students



Asier Pereiro

John Wendel

Pablo Baladrón

Ramón Ruiz



Working groups and conveners

- WG1: V_{ud} , V_{us} , V_{cd} , V_{cs} and semileptonic/leptonic D decays
 - Bipasha Chakraborty
 - Alex Gilman
 - Martin Hoferichter
 - Michal Koval
- WG 2: V_{ub} , V_{cb} and semileptonic/leptonic B decays including τ
 - Svende Braun
 - William Jay
 - Raynette van Tonder
 - Ryoutaro Watanabe
- WG 3: Rare B , D and K decays, radiative and electroweak penguin decays, including constraints on V_{td}/V_{ts} and ε'/ε
 - Andreas Jüttner
 - Carla Marin Benito
 - Saurabh Sandilya
 - Emmanuel Stamou
- WG4: Mixing and mixing-related CP violation in B system: Δm , $\Delta\Gamma$, ϕ_s , ϕ_1/β , ϕ_2/α , ϕ_3/γ
 - Agnieszka Dziurda
 - Thibaud Humair
 - Vladyslav Shtabovenko
- WG 5: Direct CP violation (DCPV) including ϕ_3/γ from $B \rightarrow DK$, DCPV effects, branching fractions
 - Melissa Cruz Torres
 - Minakshi Nayak
 - Gilberto Tetlamatzi-Xolocotzi
- WG 6: High- p_T flavor physics: $H \rightarrow f'f$ decays, single top production, direct measurement
 - Kai-Feng Chen
 - Andrea Helen Knue
 - Michihisa Takeuchi
- WG 7: Mixing and CP violation in the D system: x_D , y_D , $|q/p|_D$, ϕ_D , DCPV in D decays
 - Patricia Magalhaes
 - Tara Nanut Petric
 - Stefan Schacht