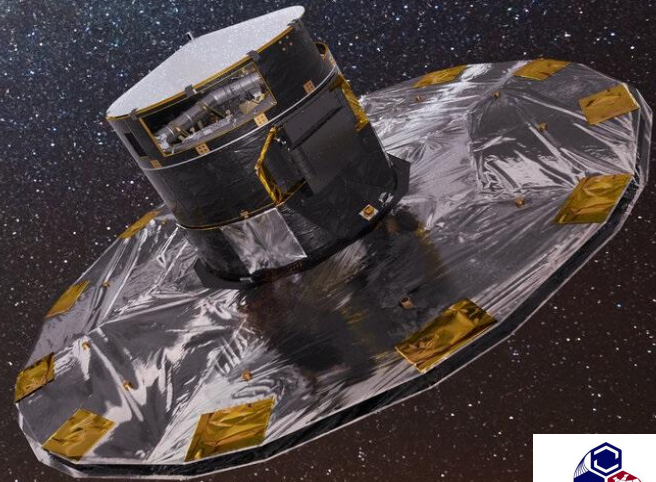


MW-Gaia

Revealing the Milky Way with Gaia

Report of WG5: Impact,
Inclusiveness and Outreach



WG5 - “Impact Inclusiveness and Outreach”

Objective:

- ♦ Develop and implement the Action Research Coordination Framework Plans, the Training Plan, the Impact and Inclusion Plan, and the Outreach and Dissemination Plan.
- ♦ Organise interaction with the industry and with schools.
- ♦ Deliver the final Action deliverables and closing conference.

Structure and Tasks

WGT5a: Deliver Action Impact, primarily through the generation of a science roadmap/case for sub-as astrometry in delivering (D5.6) the next advances in our understanding of the Milky Way. This key Action task is directly under the leadership of the Action Core Group.

WGT5b: Ensure the effective implementation of inclusiveness policies (e.g. location, gender, age) and the Action Inclusion and Impact plan.

WGT5c: Coordination of the Action outreach and dissemination activities. This will include developing and implementing the Dissemination plan.

WGT5d: Training for the next generation of astrometry experts, with a priority focus on including ECIs from ITCs in training activities.

Working Force

- ♦ Šarūnas Mikolaitis, Lithuania
- ♦ Elsa Moreira, Portugal
- ♦ Edita Stonkutė, Lithuania
- ♦ Carme Jordi, Spain
- ♦ Josefina F. Ling, Spain
- ♦ Carlos Viscasillas Vázquez, Lithuania
- ♦ Ivanka Stateva, Bulgaria
- ♦ Tineke Roegiers, Netherlands

Milestones planned

- ◇ M5.1/ D5.1: School Yr1: Better Inclusion, Better Science, Building Impact in MW-GAIA
- ◇ M5.2/ D5.2: WG5 Impact Workshop Yr1: Tech challenges for space based astrometry, an industry forum
- ◇ M5.3/ D5.3: WG5 Inclusion Workshop Yr2: Breaking Barriers: Inspiring the Next Generation
- ◇ M5.4/ D5.4: WG5 Schools Workshop Yr3: The Milky Way@Schools
- ◇ M5.5/ D5.5: MW-GAIA Final Conference Yr4: The Milky Way Revealed by Gaia: The Next Frontier

Plan

MW-GAIA GANTT		Mths from Start	YEAR ONE (2019/20)				YEAR TWO (2020/21)				YEAR THREE (2021/22)				YEAR FOUR (2022/23)			
			1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	40-42	43-45	46-48
Deliverables indicated, milestones are the meetings, workshops, training schools.																		
TYPE	ACTION																	
MC	Mgt Committee Meeting	MC KO				MC T1				MC P2				MC T2				
CG	Core Group Meeting	CG KO	telecons	telecons	telecons	CG FM2	telecons	telecons	telecons	CG FM3	telecons	telecons	telecons	CG FM4	telecons	telecons	telecons	
STSM	Exchange visit open call	CALL 1		CALL2		CALL3		CALL4		CALL5		CALL6		CALL7		CALL8		
WG	WG Meeting	WG1 KO	WG2 KO			WG1 FM2		WG2 FM2					WG1 FM3	WG2 FM3	WG3 FM3	WG4 FM3	WG5 FM3	
		WG3 KO	WG4 KO			WG3 FM2		WG5 FM2	WG4 FM2									
		WG5 KO																
	WG Telecon			WG1 T1	WG2 T1		WG2 T2	WG1 T2		WG1 T3	WG2 T3	WG1 T4	WG2 T4			WG1 T5	WG2 T5	
				WG3 T1	WG4 T1		WG4 T2	WG3 T2		WG3 T3	WG4 T3	WG3 T4	WG4 T4			WG3 T5	WG4 T5	
				WG5 T1		WG5 T2				WG5 T3		WG5 T4				WG5 T5		
DISSEMINATION	Outreach event	Website				SA Schools				Outreach at IAU GA								
SCHOOL	Action Training Schools			D5.1	D1.1				D2.1	D3.1				D4.1				
WORKSHOP	WG Workshops	D1.2 WG1	D2.2 WG2			D3.3 WG3	D1.3 WG1	D5.3 WG5	D2.3 WG2	D1.4 WG1	D2.4 WG2	D3.4 WG3	D4.4 WG4	D1.5 WG1	D2.5 WG2	D3.5 WG3	D4.5 WG4	
		D3.2 WG3	D4.2 WG4						D4.3 WG4	D5.4 WG5								
			D5.2 WG5															
CONFERENCE																D5.5 WG5		
REPORTS	Reports and Documents	Action Strategy Document				Action Yr1 Report				Action Period 1 Report				Action Yr 3 Report			D5.6 Roadmap / Action P2 Report	
EXTERNAL	Gaia Data Releases							GDR3									GDR4	
	IAU General Assembly									IAU GA								
	EAS EWASS		EWASS2019			EWASS2020				EWASS2021				EWASS2022				
KEY: FM# = Full Meeting T# = Telecon meeting WG KO = Working Group Kick Off Meeting D# = Deliverable (colour coded by WG, see section 3.1.1)																		

Milestones executed

- ◇ M5.1/ D5.1: School **Yr4**: Better Inclusion, Better Science, Building Impact in MW-GAIA - Vilnius, Lithuania, July 3 - 5, 2023
- ◇ M5.2/ D5.2: WG5 Impact Workshop: Tech challenges for space based astrometry, an industry forum - **Not executed**
- ◇ M5.3/ D5.3: WG5 Inclusion Workshop **Yr3**: Breaking Barriers: Inspiring the Next Generation - Santiago de Compostela, Spain, May 23 - 25, 2022
- ◇ M5.4/ D5.4: WG5 Schools Workshop **Yr2**: The Milky Way@Schools - Porto and Vilnius, online, June 2 - 4, 2021
- ◇ M5.5/ D5.5: MW-GAIA Final Conference **Yr4**: The Milky Way Revealed by Gaia: The Next Frontier - Barcelona, Spain, Sep 5 - 7, 2023

Bringing the Milky Way to Schools

- ◇ Online Workshop
- ◇ Year 2: 2 - 4 June 2021
- ◇ ~180 registered to attend
- ◇ 6 invited talks
- ◇ 12 contributed talks
- ◇ 13 posters
- ◇ 2 poster prizes

MW-GAIA: BRINGING THE MILKY WAY TO SCHOOLS 2021 **JUNE 2-4 2021**

TOPICS COVERED

- The Milky Way as a Galaxy: the science and research background
- Dissemination of the GAIA science
- Bringing the research closer to the public
- Teaching the Milky Way in schools
- How to make teaching and science communication more inclusive

Deadline for abstract submission: 14 May 2021
Deadline for registrations: 1 June 2021

COST European Union
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RESEARCH AND INNOVATION
ACTION 101019190

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COST ACTION CA-18104 HOSTED BY:
INSTITUTO DE ASTROFÍSICA E CIÊNCIAS DO ESPAÇO (PORTO, PT)
VILNIUS UNIVERSITY (VILNIUS, LT)

ORGANIZERS

Universidade do Porto | PORTO | ia | tfai | Vilnius University

Website: <http://mao.tfai.vu.lt/mwschools/>

Breaking Barriers: Inspiring the Next Generation

- ◇ Hybrid Workshop
- ◇ Year 3: 23 - 25 May 2022
- ◇ ~80 registered
- ◇ 10 invited talks
- ◇ 19 contributed talks
- ◇ 7 posters
- ◇ 1 public talk



The banner features a central image of the Milky Way galaxy. On the left, there is an illustration of the Gaia satellite and a silhouette of a child reaching for stars. Logos for ESA and Gaia are also present. The text on the banner includes the workshop title, subtitle, location and dates, and a website URL. On the right side, there is a vertical stack of logos for the organizing institutions.

MW-Gaia WG5 workshop
Breaking Barriers: Inspiring the Next Generation

Santiago de Compostela, Spain, May 23 - 25, 2022

<http://mao.tfai.vu.lt/breakingbarriers>

Logos on the right:
XUNTA DE GALICIA | CONSELLERÍA DE CULTURA, EDUCACIÓN, FORMACIÓN PROFESIONAL E UNIVERSIDADES
Xacobeo 21-22 galicia
cost | EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY
USC | OBSERVATORIO ASTRONÓMICO "RAMÓN M'ALLER"
USC | FACULTADE DE ÓPTICA E OPTOMETRÍA
MW Gaia

Website: <http://mao.tfai.vu.lt/breakingbarriers/>

PICTURES



Better Inclusion, Better Science, Building Impact in MW-GAIA

- ◇ Hybrid School
- ◇ Year 3: 3 - 5 July 2023
- ◇ ~ 10 registered online
- ◇ 25 students on-site
- ◇ 5 invited tutors
- ◇ 5 projects developed
- ◇ 2 public talks
- ◇ 1 exhibition



Website: <http://mao.tfai.vu.lt/mwimpact/>

PICTURES



The Milky Way Revealed by Gaia: The Next Frontier

- ◇ Hybrid Workshop
- ◇ Year 4:
 - 5 - 7 September 2023
- ◇ ~170 registered
- ◇ 4 invited talks
- ◇ 42 contributed talks
- ◇ 5 report presentations
- ◇ 26 posters



Website: <https://indico.icc.ub.edu/event/252/>

Social Media

This screenshot shows the Twitter profile of 'Revealing the Milky Way with Gaia'. The profile includes a navigation sidebar on the left with options like Home, Explore, Notifications, Messages, Lists, Bookmarks, Communities, Verified, Profile, and More. The main content area shows the profile header with the name, handle (@RevealingMWGaia), and a 'Following' button. Below the header is a bio, the website 'mw-gala.org', and the join date 'October 2019'. A recent tweet is visible, titled 'Redshifts of unresolved galaxies with Gaia by Despina Hatzidimitriou, University of Athens', featuring a photograph of a presentation slide with three graphs.

This screenshot shows the Facebook profile of 'Revealing the Milky Way with Gaia'. The profile features a cover photo of the Gaia satellite against a starry background. The header includes the name, handle (@RevealingMWGaia), and a 'Following' button. Below the header is a bio, the website 'mw-gala.org', and the join date 'October 2019'. A recent post is visible, titled 'Facilitating the inclusive communication of astronomy', featuring a photograph of a presentation slide with the text 'Facilitating the inclusive communication of astronomy' and 'A multi-essential kit on Planet Formation'.

Overview

- ◇ Great way to make new connections and partnerships;
- ◇ Better overall understanding of the need to be more inclusive in our research and in our science communication activities;
- ◇ Big challenges appeared, they were managed and solved leading to new and improved skills for everyone involved;
- ◇ Some objectives were not met due to different factors;
- ◇ New ideas and projects were developed and evolved during the workshops and school;
- ◇ In general the workshops and the school had great feedback.

MW-Gaia

Revealing the Milky Way with Gaia

Thank you!

CONTACTS & INFO

Email: mw-gaia@ast.cam.ac.uk

Action page: www.mw-gaia.org

COST page: www.cost.eu

