



MINCE
Measuring at Intermediate metallicity Neutron Capture Elements
Minutes of meeting 14/02/2023

February 27, 2023
MINCE_MAN_004
Issue 00 Revision 01
Page 1

MINCE

ABSTRACT

Minutes of the meeting of 14/02/2023 at Osservatorio Astronomico di Trieste (Virtual)

Authors	G. Cescutti	
Owner	G. Cescutti	14/02/2023
Verified by	P. di Marcantonio	
Approved by	P. Bonifacio	



MINCE
Measuring at Intermediate metallicity Neutron Capture Elements
Minutes of meeting 14/02/2023

February 27, 2023
MINCE_MAN_004
Issue 00 Revision 01
Page 2

DOCUMENT HISTORY

Date	Version	Summary of changes	Tracking
14/02/2023	00.01	Document Created	

APPLICABLE DOCUMENTS

ID	Reference/Title	Version	Location
AD0	None		

REFERENCE DOCUMENTS

ID	Reference/Title	Location
RD0	None	



TABLE OF CONTENTS

1	INTRODUCTION	4
2	STATUS of the OBSERVATIONS	5
3	SUMMARY OF DEADLINES FOR OBSERVATION PROPOSALS	5
4	PAPERS	5
5	DATABASE	5
6	ACTIONS	5
7	ACTIONS previous meeting	6
8	NEXT MEETINGS	6



1 INTRODUCTION

The meeting took online on 14/02/2023 14:30 and ended at 15:30. Present 13 persons (to be checked)

Andreas Korn Uppsala (AK) University

Arunas Kunciskas (ArK) Vilnius University

Elisabetta Caffau (EC) GEPI, Observatoire de Paris, Universite' PSL, CNRS

Emanuele Spitoni (ES) Observatoire de la Cte d'Azur, Nice (France)

Francesca Lucertini (FL) ESO, Vitacura, Santiago, Chile /UNAB

Gabriele Cescutti (GC) Istituto Nazionale di Astrofisica (INAF)

Linda Lombardo (LL) GEPI, Observatoire de Paris, Universite' PSL, CNRS

Lorenzo Monaco (LM) UNAB

Mariagrazia Franchini (MF) INAF - Osservatorio Astronomico di Trieste (Italy)

Marica Valentini (MV) Leibniz Institut f ur Astrophysik (AIP)

Paolo Di Marcantonio (PM) Istituto Nazionale di Astrofisica (INAF)

Patrick François (PF) GEPI, Observatoire de Paris, Universite' PSL, CNRS

Piercarlo Bonifacio (PB) GEPI, Observatoire de Paris, Universite' PSL, CNRS

Raphaela Melo (RM) Goethe University Vidas Dobrovolskas (VD) Vilnius University

More members (not present) and their abbreviations: Alessio Mucciarelli (AM) DIFA-UNIBO

Aroa del Mar Matas Pinto GEPI, Observatoire de Paris, Universite' PSL, CNRS

Camilla Hansen (CH) Goethe University Frankfurt, Institute for Applied Physics

Laura Magrini (LaM) INAF Osservatorio Astrofisico di Arcetri



2 STATUS of the OBSERVATIONS

AK submission of the proposal to ChETEC INFRA was succesful. We investigate who is willing to be our observer. Both PF and MV are willing to go.

3 SUMMARY OF DEADLINES FOR OBSERVATION PROPOSALS

To be discussed next meeting (TNG in May?)

4 PAPERS

- PAPER I accepted!!
- PAPER II draft is ready, shared by PF to GC, soon to be available on Overleaf analysis on going.
- Paper III LM and FL al. (Mike + UVES data) First results shared by FL in September, more results available soon, first plots shown
- Paper IV CH FEROS data started to work on the data (PhD student involved)
- Paper V (ArK) et al Moletai data. about 20 with enough quality, around 30 in total.

5 DATABASE

First release available and soon shared within MINCE community. At the moment only the data for PAPER I.

6 ACTIONS

At the end of the meeting the following general actions are agreed upon

1. AK: share the dates next Observing block at NOT (MV or PF)
2. PF: draft on the overleaf to be shared within MINCEners (done)
3. GC and ES: add chemical evolution models.



4. all: scientific spectra (coadded, normalised and ...) or the reduced 1d spectra?
5. all: how keep going the observational campaign (to be discussed next MINCEeting)
6. ??? check (metallicity?) of the of the spectra taken from GAIA DR3 RVS (if possible)
7. GC: write minutes of meeting

7 ACTIONS previous meeting

meeting November

1. GC prepare a list of targets for ChETEC INFRA (17 November)
2. PM: Database, last try with IA2
3. ??? quick check of the of the GAIA DR3 RVS (if possible) candidates
4. PF finalise a first draft of the paper II

Meeting September

1. ES: Using Gaia DR3 prepare a list of candidate for coming submission [done]
2. LM: Check possible contamination effects of the Enceladus sample (emails done)
3. LL: Check on her paper the possible high iron peak candidate (to be done)

Meeting June

1. GC: prepare a sample for MOA (done)
2. all: evaluate new possible selections based on GAIA DR3 (discussed)
3. PF: check the Sr abundances in the sample (next meeting)

8 NEXT MEETINGS

Same day of the week of the previous meetings (Tuesday at 14:30 CEST)

Next meeting will be 21st of March (to be checked?)