



MINCE
Measuring at Intermediate metallicity Neutron Capture Elements
Minutes of meeting 13/09/2022

October 14, 2022
MINCE_MAN_004
Issue 00 Revision 01
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MINCE

ABSTRACT

Minutes of the meeting of 13/09/2022 at Osservatorio Astronomico di Trieste (Virtual)

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1 INTRODUCTION

The meeting took online on 13/09/2022 14:20. Present XX persons (to be checked)

Andreas Korn Uppsala (AK) University

Arunas Kunciskas (ArK) Vilnius University

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

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)

Jonas Klevas (JK) Vilnius University

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)

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

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



2 STATUS of the OBSERVATIONS

We will have a visitor mode at NOT in the next month 17-20 October (AK submission), PF will be our observer.

3 SUMMARY OF DEADLINES FOR OBSERVATION PROPOSALS

Exceptions has been the ChETEC INFRA proposal (AK) and the proposal at the 2.2m (CH)
No new on the MOA proposals due by the end of July.

4 PAPERS

PAPER I now in the referee process. Soon enough new submission (done on 28th September)
PAPER II on NC elements analysis ongoing PAPER III analysis started

- Update WRT Paper I Most part of the meeting was on the discussion of report of the referee.
- Paper II PF et al. Chemical abundances Ga-U for stars in Paper I. First results presented by PF in June, more coming in October.
- Paper III LM and FL al. (Mike + UVES data) Some first results shared by FL. Fraction of 40% stars more metal rich than MINCE requested. Connected to the original only Starhorse selection. Stars in the Helmi sample from Enceladus saved the selection.
- 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

No News. PdM is trying to interact with IA2, but no updates at the moment (next meeting together with PAPER II?)

6 ACTIONS

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



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

At the end of the meeting the following actions connected to PAPER I are agreed upon

1. GC: finalise the answer of the referee and submit the paper [done on the 28th September]

7 ACTIONS previous meeting

Meeting June

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

At the end of the meeting the following actions connected to PAPER I are agreed upon

1. GC: finalise the paper and submit (done on the 15th of July)

8 NEXT MEETINGS

same day of the week of the previous meetings (Tuesday at 14:30 CEST)
Next meeting will be 18th of October.