



MINCE
Measuring at Intermediate metallicity Neutron Capture Elements
Minutes of meeting 08/11/2022

February 24, 2023
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MINCE

ABSTRACT

Minutes of the meeting of 08/11/2022 at Osservatorio Astronomico di Trieste (Virtual)

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1 INTRODUCTION

The meeting took online on 08/11/2022 14:30 and ended at 15:30. Present 15 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)

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)

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

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

Raphaella 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

Visitor mode at NOT done on the 17-20 October (AK submission), PF was our observer. Everything went well. A subselection of the targets were based on GAIA DR3 RVS, thanks to list prepared by ES and selected by GC.

3 SUMMARY OF DEADLINES FOR OBSERVATION PROPOSALS

Exceptions has been the ChETEC INFRA proposal (AK) and the proposal at the 2.2m (CH) We will submit a new proposal to ChETEC INFRA

4 PAPERS

PAPER I accepted!!

PAPER II on NC elements draft will be ready soon PAPER III analysis on going.

- Paper I accepted
- Paper II PF et al. Chemical abundances Ga-U for stars in Paper I. First results presented by PF in June, more in next telecom
- Paper III LM and FL al. (Mike + UVES data) First results shared by FL in September
- 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.

6 ACTIONS

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

1. GC: write minutes of meeting



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

7 ACTIONS previous meeting

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: 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)

8 NEXT MEETINGS

same day of the week of the previous meetings (Tuesday at 14:30 CEST)
Next meeting will be after Christmas break.