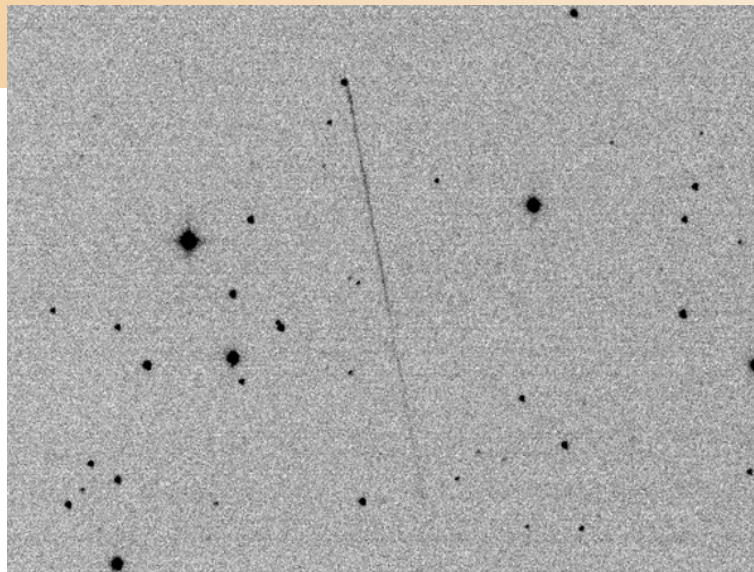


- ❑ **Welcome**
- ❑ **Introducing our visitor, Dr. Felicitas Mokler**
- ❑ **Reception**

Introduction

- ❑ Welcome
- ❑ Introducing our visitor, Dr. Felicitas Mokler
- ❑ Reception



Caption: The last detection of 2024 BX1 (then known as Sar2736) obtained by Luca Buzzi from the Schiaparelli Observatory in Italy (MPC code 204). The exposure was started at 00:24:55 UTC. The asteroid is moving from the bottom to the top of the image (heading North), and it is visible as a fading trail, due to its entrance into Earth's shadow over the following 10 seconds. Credits: L. Buzzi, G. V. Schiaparelli Observatory.

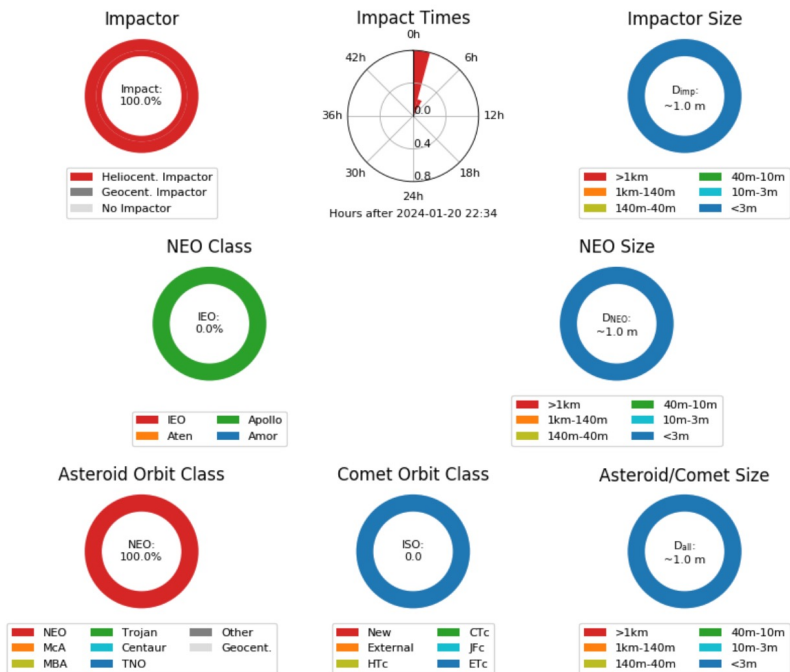


Introduction

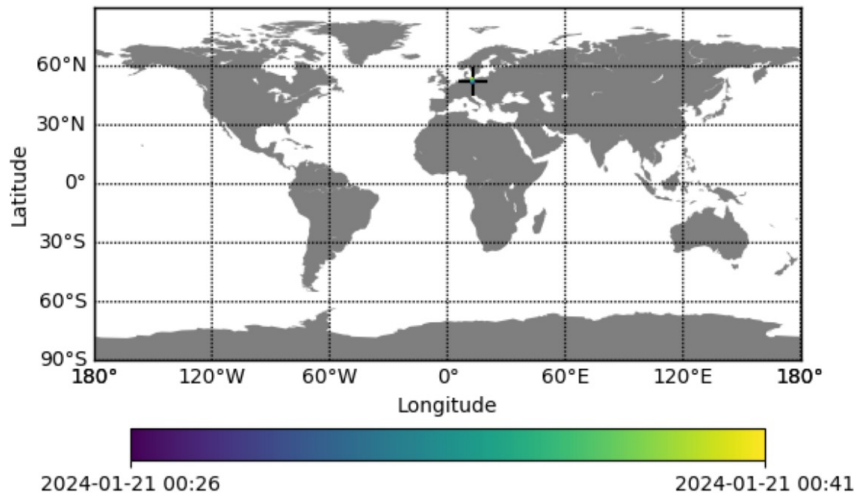


Observatory in
top of the
g 10 seconds.

Sar2736 Dashboard: 10 obs, 0.77 h arc length



Sar2736 Impact plot: 10 obs, 0.8 h arc length



First observation: 2024-01-20 21:48:27, Last observation: 2024-01-20 22:34:31,
Number of observations: 10,
Median Longitude: 12.74deg, Median Latitude: 52.39deg

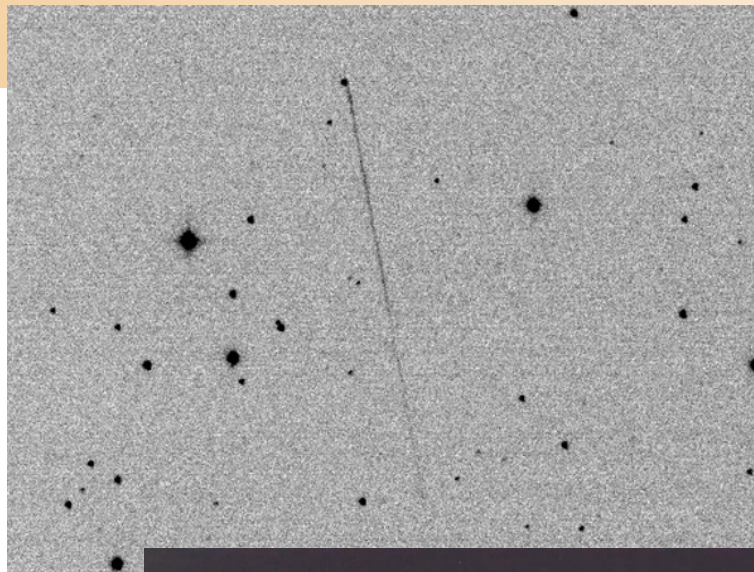
Warning systems triggered – here ESA's Meerkat plots

Capric
Italy (Image
Credit



Introduction

- ❑ Welcome
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ALLSKY
LTD. 2019

Caption: The last detection of 2024 BX1 (then known as Sar2736) obtained by Luca Buzzi from the Schiaparelli Observatory in Italy (MPC code 204). The exposure was started at 00:24:55 UTC. The asteroid is moving from the bottom to the top of the image (heading North), and it is visible as a fading trail, due to its entrance into Earth's shadow over the following 10 seconds. Credits: L. Buzzi, G. V. Schiaparelli Observatory.



<https://neo.ssa.esa.int>



Kazimierz Magneto

45 Min. · 👥



Planetoida 2024 Bx1
Nowy spadek. Niemcy



👏
Szczęśliwi znalazcy.. Filip [Filip Samuel Nikodem](#) ,
[Kryspin Kmiecik](#) Michał Nebelski [Kazimierz Magneto](#) 😊

Übersetzung anzeigen



David Göttlich

16 Min. · 🌐

Mitglied mit Top-Beteiligung

There it is 😊 2024 BX1

Übersetzung anzeigen

Source: X



SMPAG status

D. Koschny, SMPAG chair

Jan 2024

Current status - 1



All documents and minutes are available via the web page:

<https://www.smpag.net>

The screenshot shows the SMPAG website interface. At the top, there are navigation tabs for 'SCIENCE MISSIONS', 'EUROPEAN SPACE AGENCY', and 'SCIENCE & TECHNOLOGY'. The main header features the 'smpag' logo and the ESA logo. Below the header, there is a breadcrumb trail: 'SMPAG » Documents and presentations'. The main content area is titled 'DOCUMENTS AND PRESENTATIONS' and includes a sub-section 'GENERAL DOCUMENTS'. This section is divided into four categories: 'Plans', 'Reports', and 'Other'. Each category lists specific documents with their titles and dates. A sidebar on the left contains a 'Home' link and a list of 21 meetings, each with a date from February 2014 to October 2023.

Home

Meeting #01 (Feb 2014)

Meeting #02 (Jun 2014)

Meeting #03 (Feb 2015 - Steering Group only)

Meeting #04 (Apr 2015)

Meeting #05 (Nov 2015 - Steering Group only)

Meeting #06 (Feb 2016)

Meeting #07 (Oct 2016)

Meeting #08 (Feb 2017)

Meeting #09 (Oct 2017)

Meeting #10 (Jan 2018)

Meeting #11 (Oct 2018)

Meeting #12 (Feb 2019)

Meeting #13 (Sep 2019)

Meeting #14 (Feb 2020)

Meeting #15 (Sep 2020)

Meeting #16 (Mar 2021)

Meeting #17 (Oct 2021)

Meeting #18 (Feb 2022)

Meeting #19 (Oct 2022)

Meeting #20 (Feb 2023)

Meeting #21 (Oct 2023)

DOCUMENTS AND PRESENTATIONS

This page links to relevant documents related to the work of the SMPAG.

GENERAL DOCUMENTS

Plans
SMPAG-PL-001 - Workplan V2.0, SMPAG-PL-001/2.0

Reports
SMPAG-RP-001 - Roadmap of relevant research for planetary defense, SMPAG-RP-001/4.0, 02 Mar 2023
SMPAG-RP-002 - Draft report on work package 5.5, SMPAG-RP-002/D.0, 2018 Oct 10
SMPAG-RP-003 - Status report on work package 5.1 from workplan "Recommended criteria & thresholds for action for a potential NEO impact threat", SMPAG-RP-003/1.0, 2018 Oct 18
SMPAG-RP-004 - Report by the SMPAG Ad-Hoc Working Group on Legal Issues to SMPAG, SMPAG-RP-004/1.0, 2020 Apr 08

Other
Terms of reference for the ad-hoc legal working group, as agreed by the SMPAG #09 meeting on 11 Oct 2017.

PRESENTATIONS FROM THE SMPAG MEETING #21 (10/11 OCT 2023)

Status of SMPAG (ESA, Koschny)
Status of IAWN (NASA, Fast)

PRESENTATIONS FROM THE SMPAG MEETING #20 (08/09 FEB 2023)

Status of SMPAG (ESA, Koschny)
Status of IAWN (NASA, Fast)

Status of the SMPAG exercise - End of sprint 1 (ASI, Colombo)
Status of the SMPAG exercise - Start of sprint 2 (ASI, Colombo)

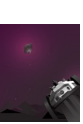
Update on ESA missions (ESA, Moissl)
Update on US missions (NASA, Johnson)
Update on JAXA missions (JAXA, Yoshikawa)
Update on DLR activities (DLR, Harris - oral only)
Update on task 5.2 (UK, Vasile)

ASI contribution to DART - LICIACube (ASI, Castronuevo)
LICIACube animation (ASI, Castronuevo)
French activities for Planetary Defence (CNES, Bousquet)

ESA UNCLASSIFIED - For Official Use



European Space Agency

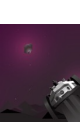


Current status - 2

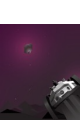


- ❑ **18 member delegations** (see https://www.smpag.net/smpag_members)
 - **New request to join from Canadian Space Agency – see dedicated agenda item**
- ❑ **7 observers**
 - **European Astronomical Society (eas-astro.org) has requested observer status – see dedicated agenda item**
- ❑ **1 ex-officio member (IAWN)**
- ❑ **SMPAG hypothetical asteroid impact exercise in sprint 2**
 - **Prepared and coordinated by the Italian Space Agency ASI**
 - **Dedicated agenda item**





- ❑ **IAWN steering committee met yesterday to “define way forward”**
- ❑ **We are in the middle of the SMPAG exercise**
 - **What do we do in case SMPAG becomes active – and in particular, how do we do it, who does what**
 - **Sprint 1: Define de-facto or intended procedure on how to act within space agencies/offices**
 - **Sprint 2: Abstract the results to define a coordinated SMPAG procedure**
 - **Sprint 3: Communication and coordination within SMPAG – and at some point: practise and implement what we defined in sprint 1 and 2?**



- ❑ Then what?
- ❑ **Possibly: Use sprint 3 to involve decision makers more (just like we did at the last PDC) – directors, international relations teams, people or organisations that take decisions on funding.**
- ❑ **The “A” in SMPAG is “advisory” – but we need to know whom to advice, and the advisees need to know about us.**



And finally:

❑ Next meeting was proposed already last time:

up to 2029 IIFD, and to include that information in the proposal that will be before STSC in 2024.

10) Next SMPAG meetings

The **22nd SMPAG** meeting is proposed to take place during the first week of the session of the Scientific and Technical Subcommittee (29 Jan to 9 Feb 2024), **at the Vienna International Centre, on Wednesday, 31 January 2024 (full day)**, and if needed, on Thursday, 1 Feb. 2024, half day, as an in-person meeting, with hybrid component. IAWN intends to meet a day before. STSC session with NEO agenda item will also be webcast on the unoosa.org.

It is proposed for **the 23rd SMPAG meeting to take place during the 2024 IAC**, that will take place 14 to 18 October in Milano, Italy, **as 2-half day in-person meeting**, possibly on **Thursday and Friday, 17-18 October 2024**.