

Welcome to the DRAMA Clinics 2025 - Edition 2!

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ESA ESOC

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ESA UNCLASSIFIED – Releasable to the Public



In drama, the characters develop the story...









Xanthi Oikonomidou



Philippe Meyers



Stijn Lemmens





... but what's the "clinic" part?

"Question everything, learn something, answer nothing."

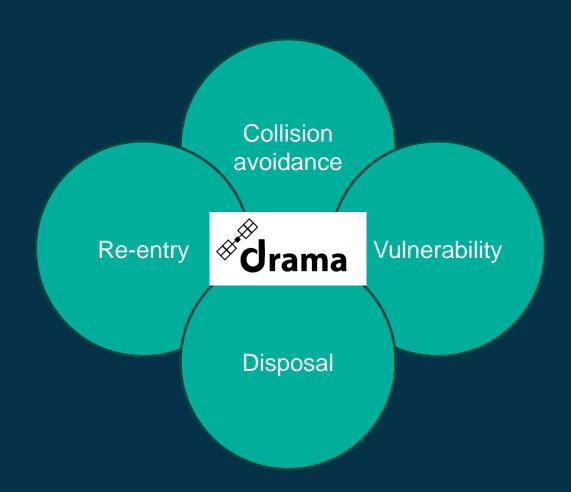






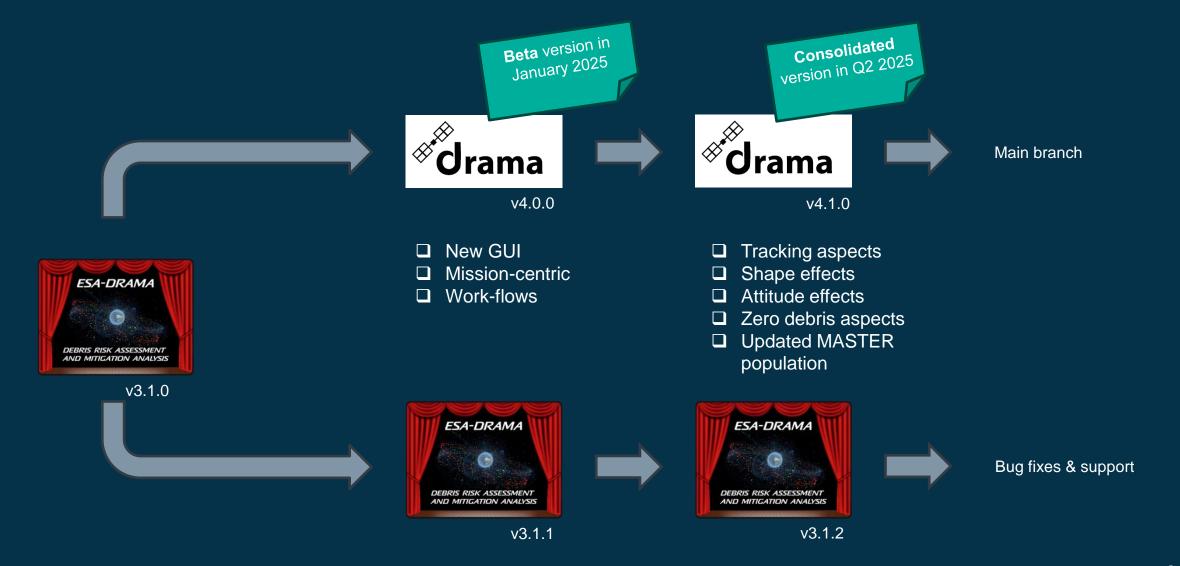
"Question everything, learn something, answer nothing."





DRAMA – Roadmap





Drama does not just walk into your life... (1/3)



Space Debris User Portal

https://sdup.esoc.esa.int



DRAMA **Documentation** File size Link Document Final Report DRAMA-2.0.0 3.5 MiB DRAMA-2.0.0-Final-Report.pdf Final Report DRAMA-3.0.0 DRAMA-3.0.0-Final-Report.pdf 5.2 MiB Software User Manual 2.5 MiB DRAMA-Software-User-Manual.pdf tup DRAMA-3.1.1 linux-x64.run Technical-Note-ARES.pdf Technical Note ARES 2.9 MiB Technical Note MIDAS 723.4 KiB Technical-Note-MIDAS.pdf tup DRAMA-3.1.1 windows.exe Guideline on Collision Avoidance (ARES) DRAMA-ARES-Collision-Avoidance-Verification.pdf tun DRAMA-3 1 1 osy dma Training and Tutorials G File size Link Name G Basic - Calliope 690.1 KiB DRAMA-Hands-On-Calliope.pdf Medium - Melpomene 1.2 MiB DRAMA-Hands-On-Melpomene.pdf Melpomene Project Files 7.7 MiB melpomene-tutorial-303.zip

Drama does not just walk into your life... (2/3)

Daniele Bella

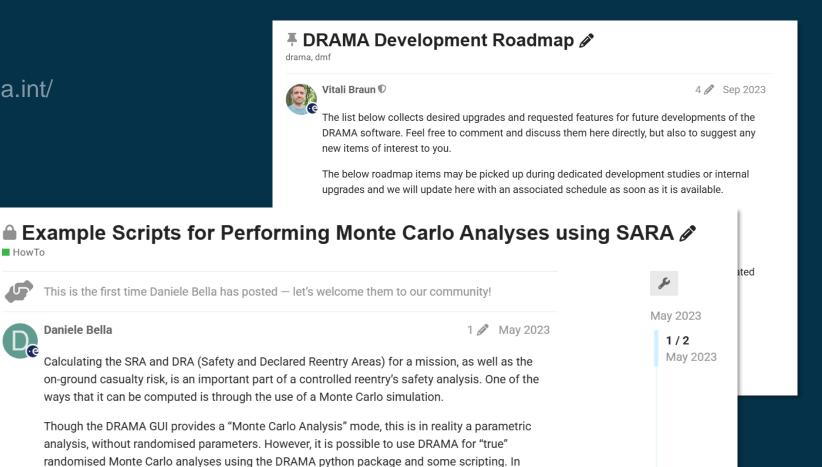
order to show how this could be performed, and how each of the major parameters of a SARA run can be randomised, we created a set of example scripts. These were designed to be used as a reference and/or starting point during the development of more complex and comprehensive calculations: they are thus heavily commented and feature simplified algorithms, for the sake of



Space Debris User Forum

https://debris-forum.sdo.esoc.esa.int/





Drama does not just walk into your life... (3/3)



Trainings & Support

- ☐ ESA Academy Space Debris Training Course
- ☐ Contact us: space.debris.support@esa.int





Schedule



10:00 Welcome & Introduction S013 10:15 Collision avoidance & population modelling (ARES & MASTER) S013 11:05 Coffee break Re-entry modelling & risk Small debris risk & vulnerability 11:30 assessments (SARA) assessments (MIDAS) S013 S211 12:20 Short break DRAMA 4.x Q&A (incl. 12:30 trackability & brightness Disposal analyses (OSCAR) assessments) S013

