“Why should Tunisia become engaged in Space?” Challenge

The 25th Virtual UNISEC-Global Meeting

Impacting space through capacity building activities

17 September 2022

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Technopole Sousse

Challenge overview:

- Organized in the occasion of TICAD8 (27th and 28th August 2022, Tunisia)
- Idea proposed by UNISEC Global
- Challenge organized by UNISEC Tunisia
- Sponsored by the Japanese startup WARPSPACE
- Challenge open from 20th to 24th August 2022 (midnight)
- Participants submitted their contributions using an online form

Challenge Objectives

See what Tunisian Youths think of the Space sector

Get an idea on how Tunisian Youths are interested in Space activities

Map Space awareness among different age groups (ranging from high school pupils to grad students)

Have a Space event that involves not only researchers and professionals but also younger people

Encourage young people to get interested in Space activities

Contribute to reinforce national space activities so that Tunisia becomes among the spacefaring nations

Challenge Rules

1

Write an essay about: **Why should Tunisia become engaged in Space?**

2

The essay can be written in Arabic, French, or English

3

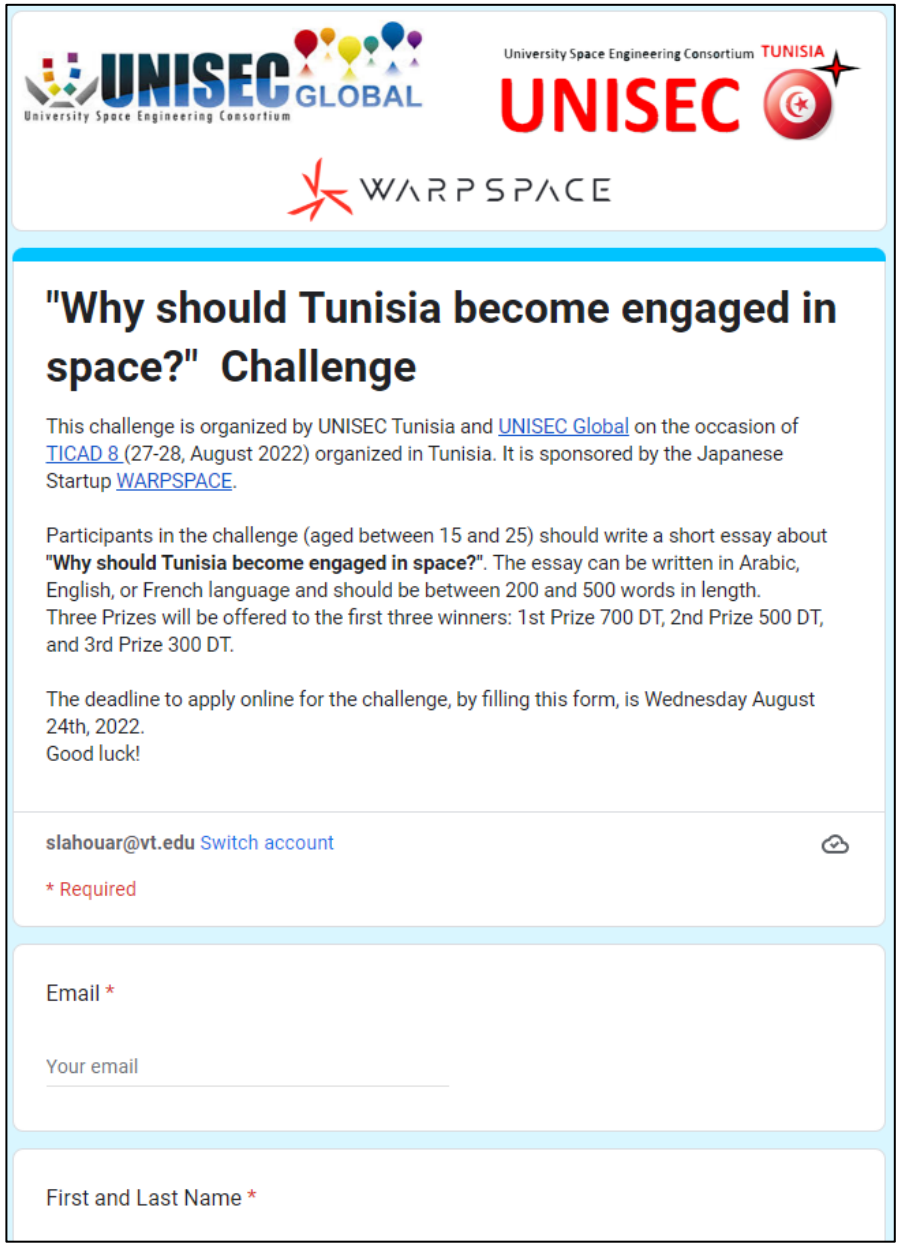
The essay should be between 200 and 500 words

4

Participants age should be between 15 and 25 years

5

3 prizes will be awarded to the first 3 winners



UNISEC GLOBAL
University Space Engineering Consortium

University Space Engineering Consortium TUNISIA
UNISEC

WARPSPACE

"Why should Tunisia become engaged in space?" Challenge

This challenge is organized by UNISEC Tunisia and UNISEC Global on the occasion of TICAD 8 (27-28, August 2022) organized in Tunisia. It is sponsored by the Japanese Startup WARPSPACE.

Participants in the challenge (aged between 15 and 25) should write a short essay about **"Why should Tunisia become engaged in space?"**. The essay can be written in Arabic, English, or French language and should be between 200 and 500 words in length.
Three Prizes will be offered to the first three winners: 1st Prize 700 DT, 2nd Prize 500 DT, and 3rd Prize 300 DT.

The deadline to apply online for the challenge, by filling this form, is Wednesday August 24th, 2022.
Good luck!

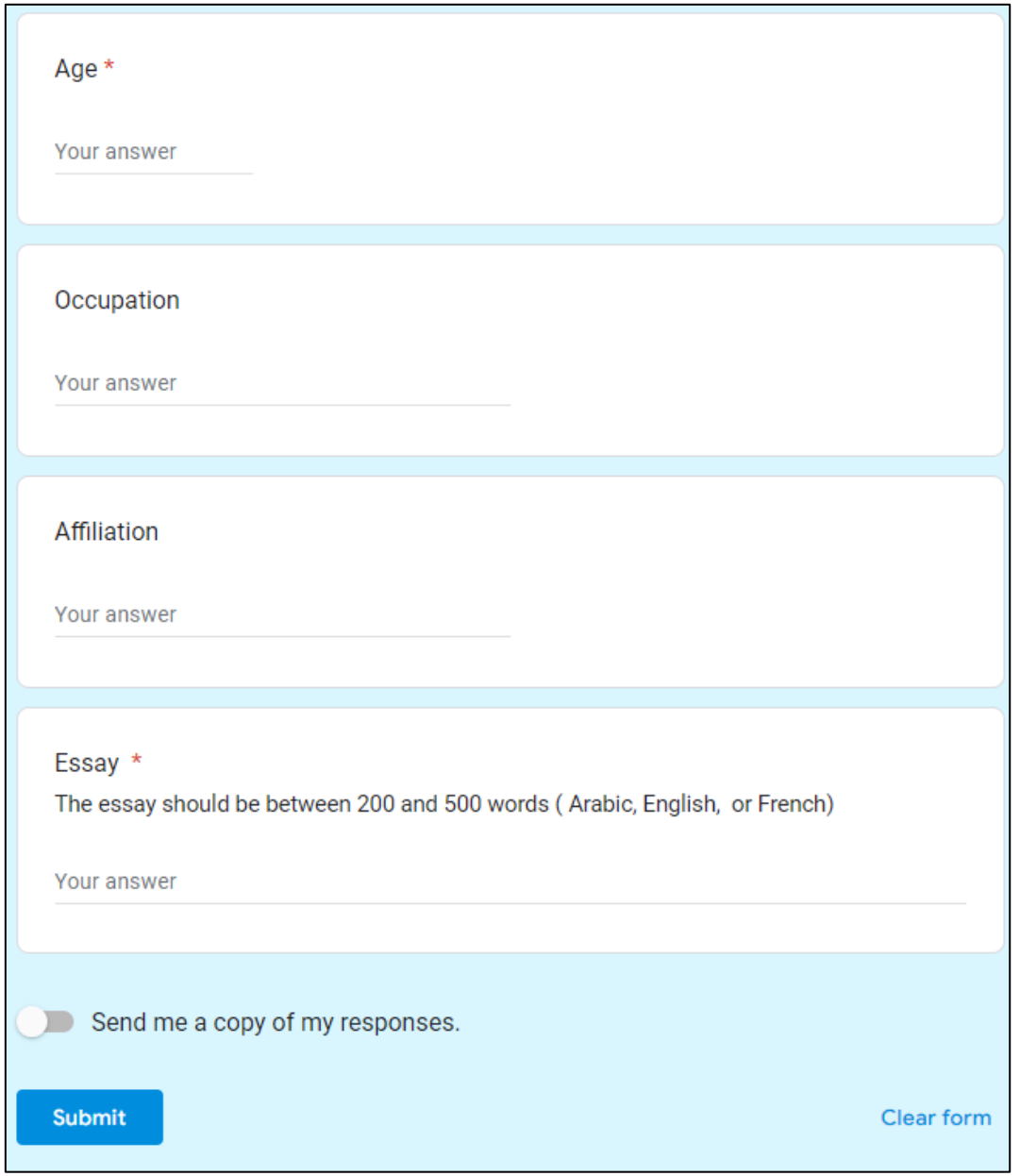
slahouar@vt.edu Switch account

* Required

Email *

Your email

First and Last Name *



Age *

Your answer

Occupation

Your answer

Affiliation

Your answer

Essay *

The essay should be between 200 and 500 words (Arabic, English, or French)

Your answer

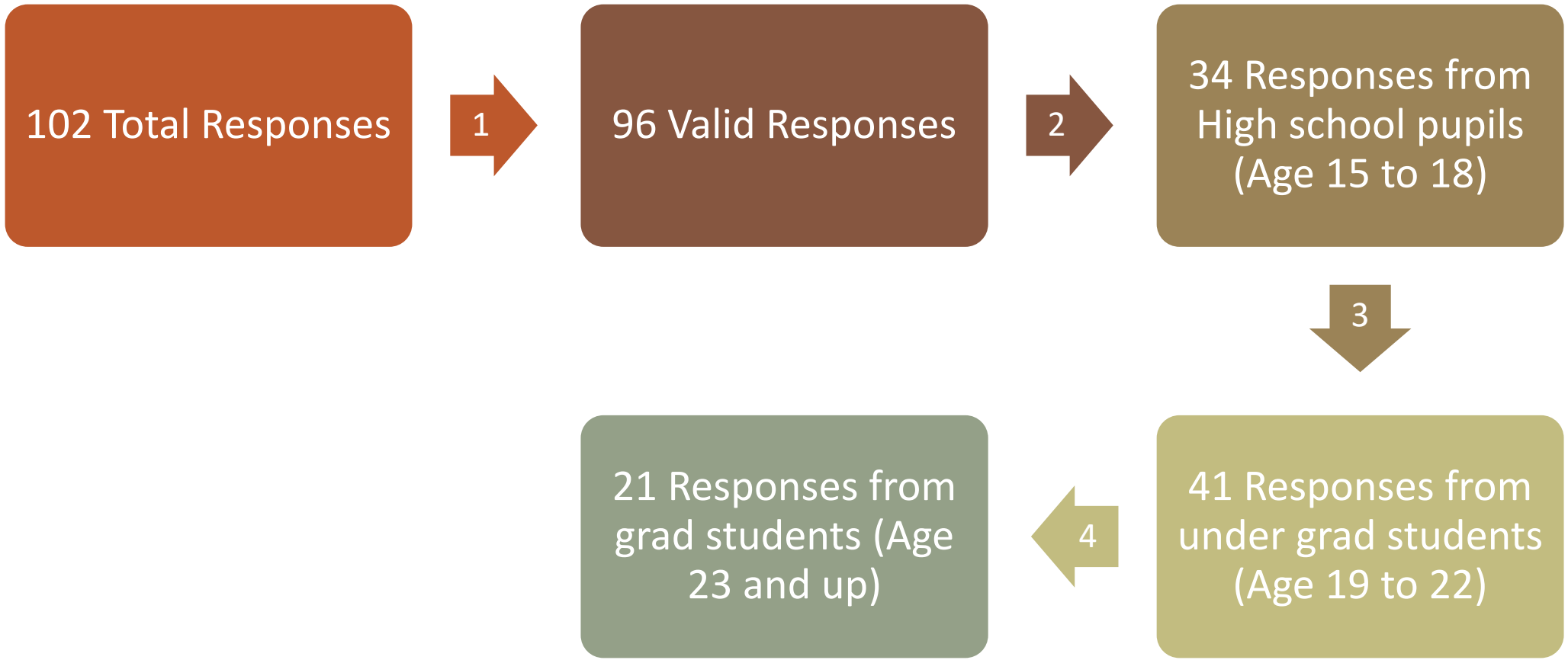
Send me a copy of my responses.

Submit

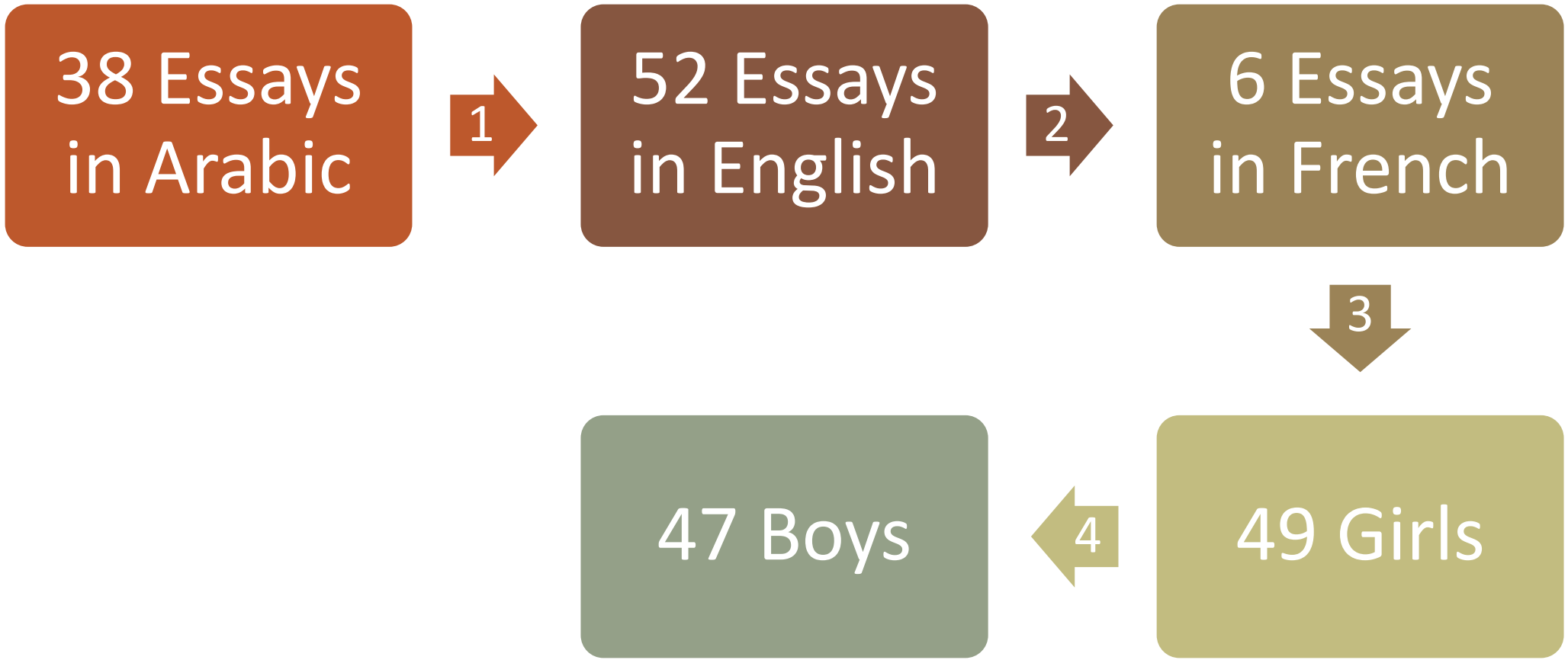
Clear form

Form link shared widely on official websites and social media (Linked In and Facebook)

Some Statistics



Some Statistics (2)



Winners Selection Criteria

- Respect the Age limits
- Respect the number of words limit
- Minimum number of orthograph and grammar errors
- One winner from each age group (15 to 18, 19 to 22, and more than 23)
- Tie break: Respect one or more Sustainable Development Goals (SDG)

Winners

1

Selim Skhiri

(Age 24, Student)

2

Alae Bouchiba

(Age 21, Student)

3

Haydar Al Houssein Elouaer

(Age 15, High School)

Winners will be contacted by email to arrange for the pick-up of their prizes!

Essay excerpt 1: Selim Skhiri (24, Student)

Beyond the final frontier. There lies innovation that can transform society.

The aptly named Challenge One, launched in 2021, represents the first landmark achievement for the Tunisian space sector and a steppingstone for more Tunisian presence in the space industry. The event garnered public attention and support has noticeably grown for future projects knowing that space exploration has tremendous societal benefits. Not only it contributes to collective human knowledge, but also solves difficulties we face in our everyday lives. This is what Tunisians are hoping for; real-world tangible results in various aspects of society.

Satellite technology, as an example, can help Tunisia fend off against impending natural disasters. For instance, satellite imagery can prove to be effective in the fight against wildfires that ran rampant especially in summer of 2022, a fight further exacerbated by climate change. Early detection can greatly mitigate the inflicted damage by alerting authorities to react in time and consequently save human and wildlife. Moreover, floods in remote regions of the country, are a real threat to human lives. Using satellite technology, floods can be detected and predicted, hence supporting relief efforts.

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Essay excerpt 2: Alae Bouchiba (21, Student)

…

Space exploration, helps not only to address fundamental questions about our place in the Universe and the history of our solar system, but also to expand our diverse technologies, we have now new visions, we try to understand how physics works beyond planet earth, discover new worlds, create new industries, establish good relationships and collaborate with other nations and help each other rise and value the work done together, in the name of science, not to forget to enjoy the undeniable view coming from deep frontiers of space.

So how is it beneficial for a nation to make such a step and make space studies a huge part of its interests? well there are many, especially for Tunisia:

By combining resources and collaborating, Tunisia will start to promote educational activities throughout all regions and provide vital information to assist with disaster management plans. It will also Join forces to make it easier to agree on a unified space policy and make future joint space explorations more probable, it will be part of huge space projects, seeking to reach and maintain peaceful purposes, and showcasing in the process Tunisia's great and craving minds for science and space.

Tunisia will also have a huge opportunity to develop enriching and wide range of study fields, including nuclear power sources in space, satellites, advanced robots, space-system-based telemedicine, and many other topics.

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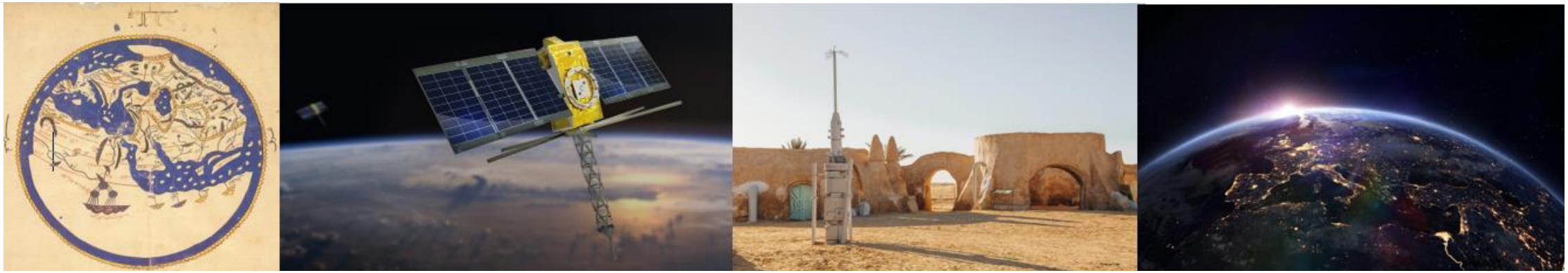
SPACE STAR'22
Science-Technology-Applications-Regulation
27-29 October 2022
Sousse Tunisia

1st Conference on SPACE Science, Technology, Applications & Regulation

27-29 October 2022, Sousse, TUNISIA

http://spacestar22.crmn.tn/



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FACT

Centre for Research on Microelectronics & Nanotechnology Sousse
Technopole

SPACE STAR'22 is Co-organized/Co-sponsored by the following institutions/organizations:

Technopole

UNISEC TUNISIA

ENOVA ROBOTICS

NOVATION CITY

SPACE STAR'22
Science-Technology-Applications-Regulation
27-29 October 2022
Sousse Tunisia

Thank you !

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