



PRE-FESTIVAL

7th September - 24th September 2024

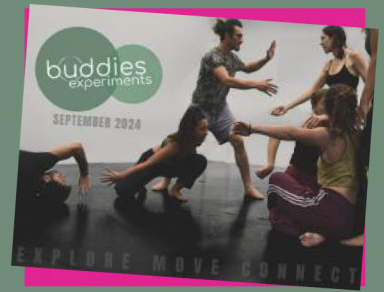
BOOK YOUR
FREE ENTRANCE
[HTTPS://BIT.LY/SITCBOOK2024](https://bit.ly/sitcbook2024)

BUDDIES' EXPERIMENTS

CC MARMARITSAKI & MARINA SASLI
Dance Workshop | Duration : 1.5 - 2 hrs
7th Sept : 10:30 - 12:00 pm
8th Sept : 10:30 am - 12:30 pm
Valletta Design Cluster, Friggieri Hall

16+

Buddies' Experiments is an inclusive methodology fostering collaboration through movement and sound. This creative workshop will be run by Greek dancers Cc Marmaritsaki and Marina Sasli who embrace participants from diverse experiences, abilities and backgrounds. In the workshop, scientific concepts from mathematics and physics will be explored using voice, body, and rhythm. This will be an unforgettable workshop!



FLATBREAD CULTURE

PROF. VASILIS VALDRAMIDIS, UOM
Webinar | Duration : 45 minutes
11th Sept : 5:00 - 5:45 pm
Online

14+

Flatbread and culture are closely connected. In this lively online discussion with Prof. Vasilis ValDRAMIS, you will learn about the importance of preserving and producing safe flatbreads and how their presence is imperative in the era of globalization.



PLAY & DESIGN IMPACTFUL SCI-COMM ACTIVITIES

ENGAGED
Skills dev workshop | Duration : 3.5 hrs
13th Sept : 4pm - 7:30 pm
Room 312 (Events Room), Dar Ġużeppi Żahra (DĠŻ), University of Malta, Msida

18+

Engaging communities with research is critical for researchers and institutions to build trust and enhance Justice, Equity, Diversity and Inclusion in society. This role-playing workshop will challenge you to rethink how we design effective and inclusive public engagement activities by placing people at the centre. The workshop is perfect for people participating in the Science in the City festival to develop their ideas and content.



CATAclysmic Floods & Melting Ice : NATIONAL GEOGRAPHIC EXPLORERS FILM TEASER

AARON MICALLEF & KEVIN SCIBERRAS
Film teaser with Q&A | Duration : 1 hr
17th Sept : 7:30 - 8:30 pm
Spazju Kreattiv

12+

National Geographic Explorer Prof. Aaron Micallef and filmmaker Kevin Sciberras unravel the secrets of our planet's history and its dynamic future through two video-based projects about The Zanclean Megaflood and Antarctic Hydrology.



MAPPING BRAIN FUNCTION

PEP WALLS & DR CLAUDE BAJADA
Art workshop | Duration : 1.5 hrs
19th Sept : 5:00 - 6:30 pm
Valletta Design Cluster, Meeting room 1

ALL AGES

Revel in the beauty of brain activity by helping to create an interactive art installation that uses mathematical knowledge to explore our brains' complex structure and function, together with Spanish artist Pep Walls and Dr Claude Bajada.



VIRTUAL BIRD RINGING

BIRDLIFE MALTA
Bird ringing | Duration : 1 hr
21th Sept : 8:00 - 9:00 am
Online

ALL AGES

Soar into the weekend with BirdLife Malta to learn about bird migration, longevity, population sizes, and more. In a livestream from Ghadira Nature Reserve, participants get a unique opportunity to see birds up close as they are being ringed. Participants will also have the chance to ask questions to our licensed bird ringers in the comments.



GAME DESIGN FOR J.E.D.I.

THE INSTITUTE OF DIGITAL GAMES & MIGHTYBOARDS
Games workshop | Duration : 2 hrs
24th Sept : 2:00 - 4:00 pm
Valletta Design Cluster, Meeting room 1

14+

From prototype to final product, view games from a different perspective as you design your own game with UM's Institute of Digital Games and MightyBoards using knowledge about game mechanics for social justice.



DON'T MISS
OUT ON
ANY NEWS!



TAKE OUR
SURVERY FOR
A CHANCE TO
WIN €50!



PERFORMANCES

Friday 27 Sept (4-11 pm) and Saturday 28 Sept (10 am - 11 pm)
Sala San Duminku, Valletta

Book your
FREE tickets

<https://bit.ly/SITC-PERFORMANCES-2024>

AM I 'NORMAL'?

BRAINTASTIC! SCIENCE

Performance | Duration : 1 hr

27th Sept : 6:45 - 7:45 pm

28th Sept : 11:45 - 12:45 pm / 3:15 - 4:15 pm
7:00 - 8:00 pm

12+

Lightsabers to the ready as we work to annihilate the idea of 'normal'! Create a unique piece of brain art while exploring statistics, genetics and evolution to celebrate the huge variability of the human population.



HUNTING THE HIGGS

DR SAM GREGSON &

PROF. ING. GIANLUCA VALENTINO

Performance | Duration : 27th 45min | 28th 1 hr

27th Sept : 8:00-8:45pm / 10:00-10:45pm

28th Sept : 1:00-2:00pm / 4:45-5:45pm /
9:15-10:15

12+

The Large Hadron Collider is the world's largest and most powerful machine, but could you control it for yourself? Become a particle physicist for the day and see if you have what it takes to control the Large Hadron Collider. Expect interactive games, hilarious jokes, loud explosions and lots of audience participation. This is no place for the faint of heart!



RIPPED GENES

RINGROAD THEATRE

Performance | Duration : 1 hr

27th Sept : 4:00-4:40pm

28th Sept : 10:00-10:40am / 2:15-2:55pm /
8:15-8:55pm



6-13

"Ripped Genes," is the intriguing story of Eugege, an unlucky scientist whose DNA structure collapses into pieces during a lab accident. With the help of his friend, a forensic investigator, Eugene struggles to rebuild his DNA structure. Find out more about this enthralling story and discover that despite our unique traits, we have so much in common with everyone around us.

DNA RHYTHMS

DICCON COOPER &

PROF. JOSEPH BORG

Performance | Duration : 30 min

27th Sept : 10:30 - 11:00 pm

28th Sept : 10:30 - 11:00 am

16+

DNA contains the building blocks of life. But did you know that those blocks can be translated into music notes to create songs? In this performance, jazz musician Diccon Cooper uses DNA sequences from geneticist Prof. Joseph Borg to create methodical and mutated melodies.



BOO RECACCIA

BUDDIES' EXPERIMENT

- CC ARMARITSAKI & MARINA SASLI

Dance performance | 30 min

27th Sept : 5:00 - 5:30 pm

28th Sept : 11:00 - 11:30 am

16+

Imagine how many things could be achieved more easily, and more enjoyably if we chose not to do them alone every time. In this dance performance, discover the power of human connection and support through rhythm, maths and movement. Learn about the innovative methodology that celebrates co-development with people from diverse backgrounds.

WORKSHOPS

Friday 27th Sept (4 - 11pm) Saturday 28th Sept (10am - 11pm)

Sala San Duminku, Valletta

Book your
FREE tickets

<https://bit.ly/SITC-WORKSHOPS-2024>

IMAGINING A FOSSIL FREE MALTA: CRAFT & COLLAGE WORKSHOP

FRIENDS OF THE EARTH

Workshop | Duration : 1 hr

27th Sept : 8:15-9:15 pm

6-13

Heat waves, rising sea levels, and climate chaos are on the rise in Malta making it easy to fall into despair. However, collective action is a powerful way to show that we are not alone and solutions for a brighter future exist. In this crafty collage workshop, you will create your vision of a fossil free Malta.

SCIENCE WITHOUT BORDERS

ESPLORA INTERACTIVE SCIENCE CENTRE

Workshop | Duration : 1 hr

27th Sept : 6:15 - 7:15 pm

28th Sept : 11:30 am-12:30 pm / 12:45-1:45 pm /
3:45-4:45 pm / 5-6 pm

12+

Understanding science can empower us to navigate our complex world more effectively. Join Esplora to discover the wonders of science and find out its critical role in our everyday lives. In this workshop, you will be able to test your current knowledge of science while having fun, explore resources for further scientific learning, and discuss the significance of scientific literacy.

SCIENCE OF FRIENDSHIP

BETAPSI

Workshop | Duration : 30 min

27th Sept : 5:30 - 6:00 pm / 7:30 - 8:00 pm

9:30 - 10:00 pm

6-13

In this workshop, participants will embark on a fun and interactive journey, exploring the power of friendship and inclusion through simple science experiments. Expect an engaging experience led by Dr. Lumina, a lively scientist, and Bella, a curious young student, as they demonstrate how diversity and teamwork can lead to stronger connections and understanding. Expect lots of fun, learning, and colorful experiments!

RIPPED GENES WORKSHOP

RINGROAD THEATRE & DR EMMA CLARKE

Workshop | Duration : 30 min

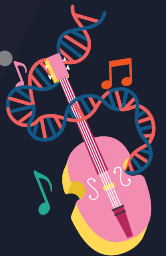
27th Sept : 4:45-5:15 pm

28th Sept : 10:45 - 11:15 pm / 3:00 - 3:30 pm

9:00 - 9:30 pm

6-13

Following every performance of "Ripped Genes," a workshop will be held in a nearby room at Sala San Duminku where participants can test their newfound genetics knowledge in an interactive game.



SHE CAN

UM MARKETING, ALUMNI AND COMMS,
OFFICE AND DEPARTMENT OF PHYSICS,
FACULTY OF SCIENCE

Exhibition

27th Sept : 4:00 - 11:00 pm

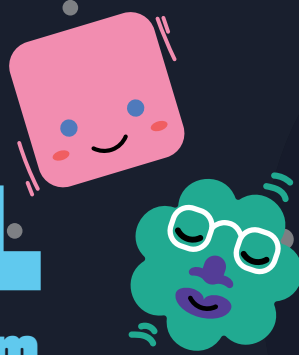
28th Sept : 10:00 am - 11:00 pm

11+

The She Can exhibition presents the experiences of 26 women in Malta who have made remarkable contributions to the fields of STEM, both locally and internationally. The aim is to shine a light on successful role models to inspire future generations to potential careers in STEM and challenge cultural norms. These women are the true JEDI masters!



STREET FESTIVAL



Book your FREE tickets
<https://bit.ly/SITC-STREET-2024>

27th & 28th Sept 6 - 11 pm
Piazza Tritoni

Body & Health

Witness the 3D printing of body parts - *Medical Physics*

Join the *La Roche-Posay +M EXPERIENCE* & embark on a transformative journey towards achieving your clearest skin yet!

Join the *Malta Health Students Association* warriors to help eliminate discrimination in healthcare.

Get trained to save lives - *Malta Resuscitation Council*

Transform disability into ability - *Maltese Society of Physical and Rehabilitation Medicine*

Live healthy with tips from - *Queen Mary University of London.*

Hands-on Science

Join the *UM Dept of Mathematics* to play fun and easy to hard math games.

Watch science come to life - *S-Cubed*

Push the boundaries of applied science - *UM Faculty of Engineering*

Community & Culture

Planning to launch a startup? The troopers from *Malta Enterprise* need a word.

Transport yourself into a new dimension of mobility - *Ministry for Transport, Infrastructure and Public Works*

Find out how the EU supports research, democracy, inclusion and youth at the *EU Corner.*

27th SEPTEMBER

Body & Health

Join the bioinformatic war on disease - *BioGeMT and TargetMI*

Meet the anaesthesiologist dream team - *Association of Anaesthesiologists of Malta*

Discover, connect, and advocate with the *National Alliance for Rare Diseases Support*

Receive free health testing - *Department of Pharmacy at UM & Malta Pharmaceutical Students Association*

Unravel the mysteries of DNA - *Medical Biochemistry Students' Association*

Hop aboard the starfighter with *Malta Association of Biomedical Scientists.*

Join the force to assist the *Malta Medical Students' Association* wage war on all that negatively affects our health

Awaken the force of medicinal drugs - *Malta Medicines Auth.*

Welcome to the planet of Microbiota - *TheBioArte Ltd*

Work towards Vision Zero - *Doctors 4 Road Safety*

Row your way to victory - *UM Rowing Club*

Learn about Malta's cultural heritage with *Kunsill Reġjonali Lvant and Virtual Malta*

Delve into the history of art with *Malta's Fine Arts Student Association*

Our Environment, Agriculture & Food
 Turn your old batteries into a force for good with *GreenPak's Batteries for Hospice* initiative.

Take the opportunity to learn about fish farming - *AquaBioTech Group*

Take a break from the hustle and bustle to enjoy the benefits of nature at The Green Hub - *Piscopo Gardens*

Storm the *Aġenzija Żgħażaġh* stand to see how you can join the Force.

Dive into deep questions about the seas that unites us - *Oceanography Malta Research Group*

Step into *VARCITIES* urban, outdoor living room to redesign Gżira's Rue D'Argens and explore nature-based solutions using AR/VR technology.

Imagine a traffic-free Malta - *Research, Innovation & Development Trust*

Engage your senses and revel in the beauty of nature - *BirdLife Malta*

Transcend disciplinary boundaries - *Institute of Earth Systems*

Save our local waters - *Sharklab-Malta*

Hunt for natural treasures - *Malta Chamber of Scientists & JUSTNature*

Hands-on Science

Show off your creative problem-solving skills - *G.F. Abela Junior College*

Community & Culture

Be you Padawan or Jedi Master, join *Betapsi* to celebrate community, diversity and unity in the most colorful way possible!

Join the *Argotti Botanic Gardens team* for a green multi-sensory experience.

Learn how *MEGALITH* uses AI to preserve Malta's megalithic structures.

Visit the *Biodiversity and Ecology Research Group's* bug infested stand for a creepy crawly experience.

Discover the potential of the mighty zebrafish- *UM Prof. Melissa Marie Formosa*

Become a *Friend(s) of the Earth* to look into the organization's impactful work on climate, agriculture, and waste management.

Time to face the facts on trash - *Earth Systems Association*

VR & Technology

Take a virtual dive into Maltese waters to explore the wrecks that lie within - *Heritage Malta*

Get connected with ICT.

VR & Technology

"Much to learn, you still have" about the diversity of human language with the *Institute of Linguistics and Language Technology.*

Climb aboard your galactic ship to visit the robotic world of the *UM's Cottonera Resource Centre.*

Experience the electrifying *UM Racing's simulator!*

Witness sustainability in action *MCAST Applied Research and Innovation Centre*

Engineer your way to success - *MCAST Engineering*

Astronomy

Get ready for a galactic experience with *Road-STEAMer's* hands-on astronomy activity for curious young minds!

Brains & Forensics

Neuroscience meets maths and the arts for a truly unique experience - *Dr Claude Bajada and Pep Walls*

Step into the role of crime scene investigator - *Malta Police Forensic Science Laboratory*

Learn how to maximize brain potential - *Malta Association for Neurologists and Neurosurgeons*

Women in Science

Meet the women who paved the way in a number of scientific fields through the ages at the *EU Parliament exhibition in collaboration with the Spanish Embassy.*

Contemplate AI ethics in interactive gaming - *Institute of Digital Games.*

Be there as *IEEE* robots descend on Triton square.

Astronomy

...3,2,1... Liftoff! *UM Rocketry* propels you into the cosmos. Hop on to experience the thrill of amateur rocketry and space engineering.

Brains & Forensics

Beat the Stroke - *Malta Neurological Students' Society*

28th SEPTEMBER

Hands-on Science

If you're a speed junky, come enjoy the thrills of BMX & physics - *Malta Street Sport Alliance*

Engineering the next generation with - *UESA.*

Explore the thrilling physics and creativity of skateboarding - *Malta Skateboarding Association Community & Culture*

Step into the Legal Laboratory - *Għaqda Studenti tal-Liġi*

Design your ideal village - *Malta Sociological Association & UM Dept of Sociology*

VR & Technology

Step into the immersive world of Virtual Reality gaming - *ICT Students' Association*

