



CONFERENCE PROGRAMME

Introduction

10 Top Reasons Why You Should Visit Barcelona in the Context of our Conference!



1. Gaudi's famous architecture

Gaudi's exuberant buildings are destinations in their own right. From the soaring Sagrada Familia, which dominates Barcelona's skyline with its Gothic towers, to the quirky playground that is Park Güell, Gaudi's architecture elevates the city and it would be a crime to miss it! If it's your first time in Barcelona, pack it all in with a walking tour. Having a guide take you around the city will add to your understanding of Gaudi's incredible style, and will ensure you don't miss any of the major landmarks.



2. The Historic Gothic Old Town

Barcelona's Gothic old town is absurdly charming. The most gorgeous areas are the historic Gothic quarter, and the El Born barrio next to it. Think medieval, maze-like narrow streets, stone buildings, and wide, tree-lined squares dotted with pavement cafes. Astonishingly, there are streets and streets of it – you could walk around these beautiful neighbourhoods all day, drinking in the wooden archways and balconies hung with washing, and never see the same street twice (you probably won't though – it really is a maze!).



3. A City by the Beach

Barcelona has the best of both worlds: it's a charming city-break destination with an old town and a host of sights and attractions, but also has a really nice beach that you'll want to spend some time sunning yourself on. There's a long boardwalk where you can join the locals for a morning run, plus lovely restaurants, cafes and bars on the beach. The fishing village area of Barceloneta, which is the neighbourhood right alongside the beach, is a great area to visit for tapas and seafood.

4. The Food

It would be difficult to have a bad meal in Barcelona. For breakfast, pull up a stool at the Santa Caterina market in El Born for an espresso and typical crusty bread with tomato and salty cured jamon. Or go for a fresh flaky pastry at a pastisseria. Have a long, drawn-out lunch of crayfish paella and crisp white wine at Agua on the beachfront, or in the beautiful dining room at the iconic Set Portes. And dinner has to be a tapas feast, rubbing shoulders with the locals over small plates of chorizo in wine, golden croquetas, charred pimiento peppers and potatoes doused in spicy tomato sauce. You can't go wrong with Bar del Pla.

5. Beautiful Rooftop Bars

More than any city I've ever visited, Barcelona is a city of rooftop bars. It could be the fact that the weather's great almost year round, or the fact that Barcelona locals just know how to enjoy life, but it's hard to walk five feet without coming across a glamorous rooftop bar with great views of the city. There are almost too many amazing rooftop bars in Barcelona to choose from, and most of them are on the top floors of luxury hotels. My favourite is the rooftop terrace at the top of the 5-star Hotel Casa Fuster. The views here are gorgeous and there's a bit of a secret vibe – I visited twice and both times it was mainly locals enjoying the views of the Passeig de Gracia. Definitely go at sunset.

6. A Walkable City

With most of Barcelona's main attractions taking up a small area in the historic old town, and lots of narrow winding streets that are not at all car-friendly, you really can spend your days walking the city. I think walking around Barcelona really lets you soak in its buzzy atmosphere, and get under the skin of the city's history and lifestyle in a way you would never experience from inside a taxi. Plus, the underground metro system is cheap and easy to use for when you want to venture further afield. While you may want to rent a car if you're planning any road trips from Barcelona, there's no need for one when exploring the city. Many day trips from Barcelona can be done without a car, as well, including a visit to the lovely city of Girona.

7. Sunset Aperitifs

Barcelona locals love a sunset aperitif! Walking around the city in the afternoon and evening, you'll see locals spilling outside pavement cafes and propping up vibey tapas bars. It really is one of the most convivial atmospheres in the world. Try a juicy red wine, a dry sherry, a gin and tonic, or my favourite – and Barcelona's drink of choice – a bitter-sweet red vermouth. Drink it with an olive and an orange slice – a seriously delicious drink to savour as the sun goes down.



8. A City of Festivals

There's always a party in Barcelona! Seriously, I lived there for three months and there was not a day in that entire time when there wasn't some kind of festival or fiesta taking place somewhere in the city. From running fire devils to giant puppet processions to food fests to castle building (giant human pyramids) there is ALWAYS something exciting going on.

9. Quirky Street Art

Barcelona is an artistic city, and if you like street art I'd highly recommend doing a walking tour, or venturing out on your own to spot some seriously cool graffiti and street art. The best places to find street art in Barcelona are the neighbourhoods of Raval and El Born.

10. Sweet Treats

There's always room for dessert! If you have a sweet tooth, you'll love Barcelona. Think ice cream piled high, churros dipped in chocolate, flaky pastries and incredible chocolates and desserts. One of my favourite places in Barcelona is La Xocolateria by Oriol Balaguer . They make incredible chocolate-filled croissants, cakes and churros, and have drinking chocolate literally on tap!

Top 22 Things to do in Barcelona

Spain - Attractions & Landmarks

What to do in Barcelona city? Barcelona in Spain is a city full of museums, parks, [Antoni Gaudí](#) landmarks and other highlights. Barcelona city offers more than just the attractions and famous sights such as the [Sagrada Familia](#), [Park Guell](#) and [Camp Nou](#). During your Barcelona visit, these are the top 20 of the most famous and most popular [Barcelona](#) tourist attractions. Click one of the best must-see highlights for more information on this unique sightseeing, [museum](#), landmark or attraction

1. Top attraction: [Sagrada Familia](#)



The absolute number 1 attraction in Barcelona Spain is the **Sagrada Família**; the holy cathedral designed by Antoni Gaudí. The unfinished church will probably be completed in 2026 and has to be part of your city break. Be sure to **always buy your tickets** for the Sagrada Família several days in advance!

2. Visit Park Güell



Park Guell is the famous park with mosaic benches and the salamander. This [Park Guell](#) is a sightseeing must-see when visiting Barcelona. However, only a limited number of visitors are admitted every hour. The park used to be free, but now you have to purchase your [tickets in advance](#).

3. Camp Nou Stadium of FC Barcelona



Visit the FC Barcelona Camp Nou stadium. Take the [Camp Nou Experience tour](#) and see the dressing rooms, trophies, and all the parts of the stadium, or attend one of Barca's matches. The Camp Nou stadium is a must see for every football lover.

4. Casa Batlló, must see of Gaudí



Casa Batlló is a building with apartments designed by Antoni Gaudí, completely in the style of Catalan Modernism. The shapes of the house are based on the legend of George and the dragon. You will be amazed at the many beautiful details, colors and mosaics. In this article an overview of all buildings of Gaudí in Barcelona city, but for me personally Casa Batlló the most beautiful house of Antoni Gaudí.

5. Casa Milà (La Pedrera)



Another beautiful building designed by Antoni Gaudí is **Casa Milà**, also known as 'La Pedrera'. Translated, this means the 'quarry', named after the rugged appearance of the complex. The roof terrace with its special chimneys is more than worth a visit. More info '[Casa Milà \(La Pedrera\)](#)'.

6. Picasso Museum of Barcelona



The museum of Pablo Picasso is located in the district La Ribera. The **Museu Picasso** has over 4,000 works of art by the painter Pablo Picasso who spent an important part of his life in this city.

7. Tourist spot: **Las Ramblas**



Las Ramblas is the busiest street in Barcelona Spain with its flower stalls, plane trees, street musicians, and living statues. It's the most touristy place in the city and the spot to get souvenirs. One of the most crowded places to visit in Barcelona.

8. Parc de Montjuïc & Magic Fountain



The Montjuïc is the most famous mountain of the city with dozens of sights, including Palau Nacional, Foundation Joan Miró, Poble Espanyol, the Olympic Stadium, the cable car, and the magical fountain 'Font Mágica' with its fountain show of water and light.

9. Palau de la Música Catalana



The Palau de la Música is one of the most beautiful concert buildings in the style of Catalan Modernism. Visit a concert or take a tour through this Modernist palace of music. More info about visiting '[Palau de la Música](#)'.

10. Sights of the Gothic quarter



The Barri Gòtic is the Gothic Quarter in Barcelona's historical city centre, with the [Barcelona cathedral](#) and famous squares such as Plaça Reial and Plaça Sant Jaume. Wander the small, picturesque streets in the historical city centre near the Rambas. What to do in Barcelona's ['Barri Gòtic'](#)?

11. Highlights: **Boqueria Market**



Mercat de la Boqueria, or the Mercat de Sant Josep, is the colourful produce market on the Ramblas. The Boqueria market is the perfect place to start the day by tasting and experiencing Catalan flavours and smells. More info for visiting the Barcelona highlight of '[Mercat de la Boqueria](#)'. Fun activity: Last time I visited the market with [this amazing market tour](#) where a chef will take you to the market, you will get a paella workshop and also taste different tapas.

12. Unique landmark: **Hospital de Sant Pau**



The hospital is one of the prime examples of Catalan modernist architecture. With its main building and many pavilions, the former complex of Hospital de Sant Pau is one of my favorite (less touristy) spots in Barcelona Spain. More info '[Hospital de Sant Pau](#)'.

13. Barcelona sightseeing by bike



One of the best things to do in Barcelona is to discover the Barcelona tourist attractions is by bike. Barcelona city has an extensive network of cycle paths, certainly also along the beach. Rent a bike yourself or even better, join [this bike tour](#) with an inspiring guide and discover the best parts of the city. Find out more about bike tours: '[more info & bike tour bookings](#)'.

14. Cable Car to Montjuïc Castle



At the top of Montjuïc mountain is the Castell de Montjuïc, the 18th century fortress with a brutal history. The best way to reach the top is with the [Telefèric de Montjuïc](#), the funicular to the castle where you will enjoy one of the most beautiful views of Barcelona.

15. Parc de la Ciutadella



Free things to do in Barcelona: Next to the El Born district, in the center of Barcelona, is the beautiful city park of the World Exhibition of 1888. In the [Ciutadella Park](#) you will find tourist attractions like the Font de Cascada (photo), the [Barcelona Zoo](#), the Castell dels Tres Dragons and via a beautiful boulevard you reach the [Arc de Triomf](#), the old entrance gate to the park.

16. Port Vell, port of Barcelona city



At the end of the Ramblas, near the statue of Columbus, you will arrive at the port of Barcelona. In this area you will find highlights like the marina, where you can take a [boat tour](#), or you will find the large shopping center Mare Magnum and the largest aquarium in Europe, [l'Aquarium](#). For great views you take the [funicular](#) over the harbor. Read all about the places to visit in Barcelona's [Port Vell](#)

17. Tibidabo Mountain



Tibidabo is the 512 meter high mountain on the outskirts of Barcelona. You can reach the top with a cogwheel train, after which you can do three things on top of the mountain. You can visit the amusement park 'Parque de Atracciones del Tibidabo', visit the church 'Iglesia del Sagrat Cor', and the main reason is the phenomenal view from [Tibidabo](#).

18. Visit more museums in Barcelona



The Catalan city is full of fine museums, including a number of appealing art museums. Besides the [Picasso museum](#) the most popular museums are the [Museu Nacional d'Art de Catalunya](#) in the Palau Nacional, the [Fundacio Joan Miró](#) and the science museum [Cosmo Caixa](#). This article provides an overview of all [Museums in Barcelona](#).

19. Santa Maria del Mar



The 14th century Basilica di Santa María del Mar is located in the district of La Ribera. It was built in the heyday of Catalonia as a trading and maritime nation. It is possible to visit the beautiful basilica, crypts and towers. The surrounding district of La Ribera is also a nice area to discover with many art galleries, boutiques and bars.

20. Things to do: **Barrio de Gracia**



What to do in Barcelona's Barrio de Gracia? This neighborhood is one of the nicest areas of Barcelona city and is popular with the locals, is still authentic and not very touristy. In the district you will find lively squares and original shops. Highlights include the festive week in August and the building of **Casa Vicens**, one of Gaudí's masterpieces.

21. Visit a **Flamenco show**



Flamenco is the music, song and dance of Spain, especially the southern provinces of Spain. Are you looking for a fun activity in the evening? In the center of Barcelona you can enjoy several beautiful flamenco shows in the evening. Learn more about visiting flamenco shows at [Tablao Flamenco Cordobes](#) and [Los Tarantos](#).

22. Day trip to Montserrat



One of the most beautiful day trips you can make from Barcelona is a visit to Montserrat. Montserrat is a majestic mountain located approximately 56 kilometers away from the city. This mountain is not only known for its breathtaking natural beauty, but also for the Montserrat Monastery. Read more about '[visiting Montserrat](#)' from Barcelona

CONFERENCE PROGRAMME

Welcome Cocktail in the Hotel

19:00-20:00

**Novotel Barcelona Cornellà
Av. del Maresme, 78, Cornellà de Llobregat
Barcelona, Spain,
T +34 93 474 70 08
Mvl 699 354 211
NOVOTEL.COM - ALL.COM**

Monday, January 29, 2024

Additional Welcome Cocktail Ticket for accompanying Persons: 35 EUR / person

CONFERENCE PROGRAMME

Novotel Barcelona Cornellà
Av. del Maresme, 78, Cornellà de Llobregat
Barcelona, Spain,
T +34 93 474 70 08
Mvl 699 354 211
NOVOTEL.COM - ALL.COM

Tuesday, January 30, 2024

These presentations will appear here (after the conference)
<https://www.interbit-research.com/presentations.html>

08.30-16:00 (working hours of the Secretariat)
Registration

* **Certifications of Presentation and Receipts (Invoices) will be sent to you only by email**

Time: 08:30-08:50

**A dynamic reaction-restore-type transmission-rate model for COVID-19
By Fernando Cordova-Lepe, Juan P. Gutierrez-Jara**

Time: 08:50-09:10

Equilibrium Solutions of a Modified SIR Model with Vaccination and Several Levels of Immunity
By Flavius Guias

Time: 09:10-09:30

Comparative analysis of nonlinear models developed by means of machine learning algorithms
By Dijana Oreski

Time: 09:30-10:00 (Plenary Speech)

Introducing Computational Thinking and Algebraic Thinking in the European Educational Systems



Prof. Javier Bilbao, Applied Mathematics Department, University of the Basque Country, Bilbao, Spain

Time: 10:00-10:30 (Plenary Speech)

Classification of Data Based on Fuzzy Logic Concepts



Prof. Amaury A. Caballero, Department of Electrical and Computer Engineering, Florida International University, 10555 W. Flagler Street, Miami, Florida, USA

Time: 10:30-10:50

Design a Solar Photovoltaic Tracking System for a Sustainable Approach to Electricity Production

by Hassan Abdulmouti, Zakwan Skaf, Fady Alnajjar, Rasha Abousamra, and Ahana Fatima Alex

Time: 10:50-11:10

**Toward Geometric Interpretation of Generalized Frequency
by Kota Horizumi**

11:10-11:40 Coffee-break

Time: 11:40-12:00

**Orthogonal Geometry on Generalized Frequencies
By Yuichi Hasegawa, Kota Horizumi**

Time: 12:00-12:20

**Bibliometric Analysis of Research on Teachers' burnout levels
by Mehmet Sahin, Nur Sahin**

Time: 12.20-12:40

**Vaccination strategies based on a mathematical model of epidemics
considering the age structure of the population
By Maciej Urban, Julia Jodłowska, Joanna Balbus, Krystian kubica**

Time: 12:40-13:00

**Cluster Metric Sensitivity to Irrelevant Features
By Miles McCrory, Spencer Angus Thomas**

Time: 13.00-13:20

**Combination Synchronization of Fractional Systems Involving the
Caputo-Hadamard Derivatives
by Abdelhameed M. Nagy, Abdellatif Ben Makhlouf, Abdulaziz Alsenafi, and
Fares Alazemi**

Time: 13.20-13:40

**A Study of Agricultural Companies Development in Nigeria: A Systematic
Literature Review
by Ayodele Morounkeji Adetuyi, Heather Tarbert, Christian Harrison**

Time: 13.40-14:00

**The Influence of Well-being, Empowering Leadership, and Career
Development on Work Engagement in Generation Z in Indonesia
by Indah Oktavia Nugraha, Alfira Maharani, Muhammad Fhadil Arsan**

Time: 14:00-14:20

**The Influence Of Security And Privacy On Gen Z Trust On Indonesian
E-Commerce
by David Tjahjana, Diena Dwidienawati, Adam Hakim, Alfredo Rivera, Nilson
Tandiono Yudha Ardika**

Time: 14:20-14:40

Quantile connectedness between oil shocks and US sector markets
By Sang Hoon, Kang, Seong-Min, Yoon, Bukwon Kim

Time: 14:40- 15:00

Extreme events in coupled Liénard systems
By S. Leo Kingston, Suresh Kumarasamy, Tomasz Kapitaniak

Time: 15.00-15:20

Synchronized Control of Robotic Arm Based on Virtual Reality and IMU Sensing
by Chih-Jer Lin, Ting-Yi Sie, Yu-Sheng Chang

Time: 15.20-15:40

Development of Annulus-Object Random Bin Picking System Based on Rapid Establishment of RGB-D Images
by Bo-Rui Zhu, Jin-Siang Shaw, Shih-Hao Lee

Time: 15:40-16:00

Neural Implants for the Neuroprosthesis' Radio Communication with the Patient Nervous System
By Eduard Franti, Octavian Narcis Ionescu, Carmen Moldovan, Silviu Dinulescu, Marian Ion, Monica Dascalu, Costin Andrei Bratan, David Dragomir, Carmen Mihailescu, Ioan Lascar, Ana Maria Oproiu, Tiberiu Paul Neagu, Ruxandra Costea, Gabriela Ionescu, Vlad Carbutaru

Time: 16:00-16:20

Exploring Machine Learning Hypothesis Testing
by Ghazi Alkhatib

Time: 16:20-16:40

**Tuning of the giant magnetoimpedance effect in amorphous microwires
by V. Zhukova, M. Ipatov, A. Zhukov**

Time: 16:40-17:00

**Applications of Co-Rich Amorphous Glass-Coated Microwires for
Non-destructive Composites Monitoring
by V. Zhukova, A. Allue, K. Gondra, P. Corte-León, M. Ipatov, J. M. Blanco,
and A. Zhukov**

17:00-17:20 Coffee-break

Time: 17:20-17:40

**Student perceptions of difficulties in the thesis-development process
By Luz Sussy Baynova**

Time: 17:40-18:00

**Nano Generalized Star Semi Separation Axioms in Nano Topological
Spaces
by Raja Mohammad Latif**

Time: 18:00-18:20

**Nano $\theta\Gamma$'s Separation Axioms in Nano Topological Spaces
by Raja Mohammad Latif**

Time: 18:20-18:40

**Differences in applying various technological regimes in higher education:
A discussion of contingency factors and an illustration of resulting effects
By Calin Gurau**

CONFERENCE PROGRAMME

**Conference Dinner
20:00-23:00**

**Novotel Barcelona Cornellà
Av. del Maresme, 78, Cornellà de Llobregat
Barcelona, Spain,
T +34 93 474 70 08
Mvl 699 354 211
NOVOTEL.COM - ALL.COM**

Tuesday, January 30, 2024

2nd Day:

CONFERENCE PROGRAMME

**Novotel Barcelona Cornellà
Av. del Maresme, 78, Cornellà de Llobregat
Barcelona, Spain,
T +34 93 474 70 08
Mvl 699 354 211
NOVOTEL.COM - ALL.COM**

Wednesday, January 31, 2024

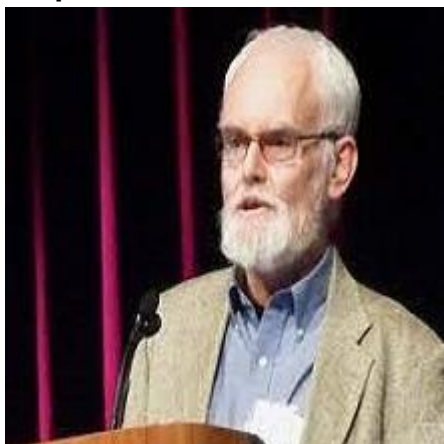
Time: 11.00-11:30

Ayman M Mansour, Yazan A Yousef, Mohammad A Obeidat, Hesham I Al-Salem

By Enhancing Precision in Spice Bag Dispensing for Noodle Cup Production through Automated Fuzzy Inference System Integration

Time: 11:30-12:00 (Plenary Speech)

On phase reduction and time period of noisy oscillators



**Prof. Philip Holmes,
Professor of Applied & Computational Mathematics,
Princeton University, USA**

Time: 12:00-12:30 (Plenary Speech)

Power of inclusion: Enhancing polygenic prediction with admixed individuals



Prof. Manolis Kellis
Massachusetts Institute of Technology (MIT) Cambridge,
Massachusetts, USA

Time: 12:30-12:50

The Hermite-Birkhoff Problem and Local Spline Approximation
by I.G.Burova

Time: 12:30-12:50

Maximum Likelihood Parameter Estimation for the Exponentially-Modified Logistic Distribution Based on Particle Swarm Optimization
By Adi Omaia Faouri, Pelin Kasap

Time: 12:50-13:10

An architecture to identify Aromatic Herbs using augmented reality (AR) and mobile application
By João Carlos Lopes Fernandes, Marcelo Okano, William Aparecido Celestino Lopes, Samira Nascimento Antunes, Oduvaldo Vendrametto

On-line Presentations

The following lectures will be also presented on-line

will appear here (after the conference)

<https://www.interbit-research.com/presentations.html>

and

<https://www.inase.org/presentations.html>

Authors	Title
Naveed Akhtar, Zakir Khan	Classification and Segmentation of subfamily Schizothoracinae using Artificial Neural Network and Deep Neural Network
Ekbal Rashid	Identify the changing ways and means of market data using Mining Association Rule
Mykola Ivanovich Yaremenko	The Holder continuity and pointwise density of the generalised Cantor functions
Ebarhim Ebadat Talab, Hossein Jafari	PRICING EUROPEAN TWO-ASSET OPTION USING THE SPECTRAL METHOD WITH CHEBYSHEV POLYNOMIALS
Hassan Al-Zoubi, Hamza Alzaareer	Quadric surfaces in terms of coordinate finite II-type
Evelina Prozorova	Some questions of computational models in continuum mechanics
Abdelkrim Moufakkir	Study of the behavior of FGM (functionally graduated) plates under the thermal effect: Case of simply supported plates
Chih-Cheng Chen, Tian-Shaing Kuo, Kuang-Tsan Hung, Jung-Chang Wang, Ming-Yao Chen, Chung-Yu Tsai	Predicting Team Advancement in Major League Baseball Postseason Using Borda Count

Kaoutar Lahmadi, Ismail Boumhidi	Optimising Control and Energy Management in a TS Fuzzy Wind System using LMI approach
Evelina Prozorova	Some questions of computational models in continuum mechanics
Daniil Khachai, Katherine Neznakhina, Ksenia Rizhenko And Michael Khachay	Fixed-Ratio Approximation Algorithm for the Minimum Cost Cover of a Digraph by Bounded Number of Cycles
Nura Asad Jara, Francesc García Cuyàs	El triaje a domicilio: un nuevo servicio en el entorno de urgencias y emergencias
Xu-Jun Jian, Tun-Wen Pai, Chao-Hung Wang, Tieh-Cheng Fu	A smartwatch-based data analytics and feature selection for heart failure assessment
Thiagarajan Kittapa, Pavithraa R.K, Mrithul Snehal S, Anish Anburaja , Jayashree	Optimised Analysis And Storing Of Images - Qr Code Driven Approach
Chitra Murugan, Thiagarajan Kittappa, Karthikeyan M, Anish Anburaja	Efficiency Enhancement through Optimization on Sequence Path Defining and Temporal Streamlining of Coupled Networks
Manouchehr Amiri	Joint Probability Densities on Riemannian Manifolds are Symmetric Tensor Densities
Kavitha Ananth, Kirubanand V B	Role of Machine Learning and Deep Learning in Mortgage Industry
Bharat Singh and Ashwani Kumar	Optimal allocation of Hybrid Renewable Energy Sources using Progressive L-Index method for Voltage Stability Margin

	Enhancement and Impact of Storage Devices
Yevgeny Gayev	PROGRAMMING THAT INSPIRES STUDENTS TO LEARN AND INVESTIGATE
Atimad Harir	Solving fuzzy conformable heat equation
Zhongsheng Guo	Development of Soil Water Vegetation Carrying Capacity
Reza R. Ahangar	Feynman Path Integral Using Lebesgue-Bochner- Stieltjes Integration
Sumit Raj and Binod Kr Singh	An Unsupervised Image Fusion Approach Using Convolution Neural Network for Feature Enhancement of Medical Brain Images
Kartlos Kachiashvili, Vakhtang Kvaratskhelia	Imitation Models of the Pollutants Transport in the Environmental Water Objects
Dr.Kendaganna Swamy S, Dr. Rajasree P M,Anand M Sharma, Jnanaprakash J Naik	A Review Paper on Memory Fault Models and its Algorithms
Łabudzki Remigiusz, Fodchuk Igor, Bonilla Myrian	Wettability characterization of MDF composite materials used for industrial products
Zhongsheng Guo	Estimation method of suitable initial planting density
Mujahid Fahmy Al-Azzo	Some Signal (Sequence) Analysis Aspects Associated with an Alternative Method for Finding a Divisibility of a Number Seven

Umar Danjuma Maiwada, Kamaluddeen Usman Danyaro, Aliza Bt Sarlan	Optimising Energy Efficiency Through Heterogeneous Network Handover Strategies in the Context of 5G"
Vipin Saxena, Versha Verma,Vishal Verma and Karm Veer Singh	Hungarian Technique and Selection of Optimised Plan of Insurance
mahmoud Hanafy Saleh, Eman Serag, Tarek Madbouly, and Mohamed Adel Mandour	An Intelligent Control Technique For A Hydro-Thermal Interconnected Power Systems
Randy Joy M. Ventayen	After 3D Printing, What's Next: Discovering Scientific Trends of 4D Printing
Robab Kalanatari, Khashayar Rahimi, Saman Naderi Mezajin	Multi-Fractional Gradient Descent: A Novel Approach to Gradient Descent for Robust Linear Regression
Zineb Bouchra Madouri, Naima Hadj Said, Hana Ali Pacha, Adda Ali Pacha, and Nikos Mastorakis	Look-ahead IIR filter as pseudo-random numbers generator
Soulef Bougueroua, Nourreddine Daili	Numerical Combination of Anisotropic and Isotropic TV Denoising Problems

3rd Day:

CONFERENCE PROGRAMME

On-line presentations

Thursday, February 1, 2024

On-line Presentations

The following lectures will be also presented on-line
will appear here (after the conference)

<https://www.interbit-research.com/presentations.html>

and

<https://www.inase.org/presentations.html>

Authors	Title of the Paper
Haider Butt	3D Printed Multi Material Hydrogels for Color Blindness Correction
Faci youcef, Maallem Badreddine, Ahmed Mebtouche	Experimental Investigation Of Damage In Open Hole Composite Using Acoustic Emission
Amira Sidi Ali	Direct Steam Generation in the Parabolic Trough Solar Collector: Effect of the Inclination Absorber Angle on the Two-Phase Flow Pattern
Iris Gertner	Obstetric service satisfaction in 1st time mothers in Israel
Ghazali Mebarki, Hocine Hares	Impact of Wing Shape on Airfoil Performance: a Comparative Study
Ghazali Mebarki, Hocine Hares	COVID Scarcities As a Precipitous Event in Changing Consumer Behavior
Vijay Saw, Pratibhamoy Das, Prashanta Kumar Mandal	Numerical study of space fractional delay-differential model via collocation scheme and finite difference scheme based on Chebyshev polynomials
Minakshi Pradeep Atre	Role Players in Signal Processing

Vishal Gupta	A Deep Learning Approach for the Complex Dynamic Coastal Area
Dimitris Tsarmpopoulos, Christina Nikolakakou, George Androulakis	A Class of Algorithms for Solving LP Problems by Prioritising the Constraints
Hassan Al-Zoubi	The torsion tensor on manifolds with r-tangent structure
Zihindula Biguru Lucien	From invariance to verticality on the three-dimensional sphere
Abdur Raheem	Some results on controllability for second order impulsive neutral differential equations
Moti Shomron, Shimon Rachmilevitch, Arie Gilboa, Jiftah Ben-Asher	Under water deficit utilisation of a dew on a hydrophilic leaf is more efficient than on a hydrophobic leaf due to higher
Tinatín Mshvidobadze	Modern Technologies To Enhance The Efficient Use Of Agricultural Resources