



The Institute of Science and Techniques of Physical and Sports Activities

Laboratory of biological and psychological responses to physical activity and sport
Engineering and Sports Industry Research Team
In collaboration with the Laboratory of Applied Biological Sciences in Sports
organize

The 07-08th APRIL

The 5th National conference



الدراجة الهوائية
تمتية مساهمة ابتكار وتفوق رياضي
CYCLING... HEALTH, SUSTAINABLE
DEVELOPMENT, INNOVATION AND
ATHLETIC EXCELLENCE

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SUBMISSION GUIDELINES

- 1- The languages used: Arabic, French, and English.
- 2- The intervention must be related to one of the forum's themes.
- 3- The intervention must not have been published in a previous forum.
- 4- The abstract of the presentation should not exceed 300 words. NEW ROMAN
- 5- The full intervention should not exceed 20 pages written in font size 14.
- 6- Priority is given to individual works and studies.
- 7- All proposed topics are subject to review by the scientific committee of the symposium.
- 8- The accepted contributions will be the focus of the symposium discussions and will be published in a special issue of the laboratory's scientific journal (The Challenge).

Registration Fees

Lecturers and researchers : 2000 DA

Students: 1000 DA

CONTACT

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Important Dates:

- Abstracts Submission Deadline: 14-03-2026
- Notification of Acceptance: 20-03-2026
- final papers submission Deadline : 28-03-2026
- conference date: 07-04-2026

Key Themes:

A/ Sports and Health:

- ❖ Sports serve as a tool for entertainment and mental health.
- ❖ Sports and physical fitness for healthy people.
- ❖ Sports in Algerian schools.
- ❖ Sports and health for special groups (people with disabilities, patients, the elderly, etc.) .
- ❖ Cycling as a form of rehabilitation.
- ❖ Medical monitoring and injury prevention for athletes and cyclists.

B/ Sports and sustainable development:

- ❖ Cycling as a mode of transportation.
- ❖ Cycling and ecology
- ❖ The Role of Cycling in Eco-Tourism.
- ❖ Sports themes in advertising.
- ❖ The dynamics of Investment in Sport.

C/ Requirements for sports excellence:

- ❖ Sports management , organizing competitions and events.
- ❖ Selection and guidance to young talents.
- ❖ Training Planning in sports and cycling.
- ❖ Measurement and evaluation in sports and cycling.
- ❖ Physical and mental preparation for athletes.
- ❖ Modern sports training in cycling.

D / Technologies and innovation in sports and cycling:

- ❖ Technologies and innovation in measurement and evaluation.
- ❖ Performance and competition analysis technology.
- ❖ Training planning technology.
- ❖ Management and organization Technologies.
- ❖ Information and communication technologies.
- ❖ Technology of devices and equipment.

E / Lessons learned from past bicycle racing experiences:

- ❖ cycling history in the world and Algeria.
- ❖ International experiences.
- ❖ Arab experiences.
- ❖ Local experiences.

Conference Preamble :

Cycling originated from local competitions on short circuits, starting with a 1200 m event held in Paris on May 31, 1868, and rapidly transformed into a professional sport That Is now managed on an international scale. This transformation was facilitated by improvements in bicycle manufacturing and the establishment of official competitions that provide considerable financial backing to support and sponsor athletes, guaranteeing their ability to participate in this challenging sport that demands significant physical, mental, and psychological stamina, extensive training, and access to essential tools and gear.

In recent times, technological progress has influenced every sector, particularly in sports, resulting in a disparity between developed and developing nations. To close this divide, it is crucial to merge the contributions of industry professionals and researchers in both the sports and technology sectors to innovate and foster local technology that promotes equitable international competition while upholding principles of security and privacy.

Consequently, we have chosen to hold this national forum alongside the University of Arab Ben Mehidi Cycling Championship, which our institution is hosting, as well as the Macomadas Cycling Championship, to leverage the synergy of academic research and practical experiences in the field. This initiative aims to gather the necessary insights to revitalize Algerian cycling, enabling it to align with global advancements.

Conference goals:

- Discovering the reality of cycling in Algeria
- Introducing the various disciplines and competitions in cycling sports
- Understanding the training requirements and athletic excellence in general and in cycling in particular.
- Familiarizing oneself with models of the latest technologies used in sports and cycling.
- Highlighting the various tasks of the technical team for the cycling race
- Clarifying the social and cultural status of the bicycle
- Researching mechanisms to activate the bicycle's contribution to sustainable development
- Study ways to enhance the role of the bicycle in environmental conservation
- Proposing mechanisms to promote the Algerian bicycle
- Exploring the horizons and opportunities for innovation and investment in bicycles

The Organizing Committee

President of the Organizing Committee

Dr. Boutebia Oumar

Name	University
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Dr Saddouk Hamza	Oum El Bouaghi
Dr Berkane Adel	Oum El Bouaghi
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Honorary Presidents :

Prof. Shouqu Fawzi, rector of the University

General supervisor:

Dr. AlAzouti Alaaddine, Director of the Institute

Conference Chair:

Dr. Iaroui ilies

The Scientific Committee

President of the Scientific Committee: Prof. Idir Hacem

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