Proposal for a Course to be held at the International Centre for Mechanical Sciences (CISM)

(Proponents should read the GUIDELINES FOR PROPOSERS
to be downloaded from https://www.cism.it/en/activities/Proposal/)

Proponent: *(Name, Affiliation, address)*

Course Title *(not more than 10 words)*:

Disciplines *(see attached list of disciplines codes (1)*

Keywords *(suggest up to five keywords related to the contents of your proposa*l):

Dates *(see attached list of available dates)*
First choice:
Second choice:

Coordinator(s): (*usually the proponent acts as coordinator. There may be two coordinators - but not more than two)*

1. Family name, First name:

Affiliation and address:
Phone:
E-mail:
Web page:

2. Family name, First name:

Affiliation and address:
Phone:
E-mail:
Web page:

PROPOSED LECTURERS *(tentatively)*:
(not more than six as a rule, including the Coordinator/s)

Name, affiliation, subject of the lectures, number of lectures and brief indication of the contents of the individual lectures each lecturer would present *(extend space for writing if necessary)*:

1.
Affiliation and address:
Phone:
E-mail:
Web page:

2.
Affiliation and address:
Phone:
E-mail:
Web page:

3.
Affiliation and address:
Phone:
E-mail:
Web page:

4.
Affiliation and address:
Phone:
E-mail:
Web page:

5.
Affiliation and address:
Phone:
E-mail:
Web page:

6.
Affiliation and address:
Phone:
E-mail:
Web page:

PROPOSAL ABSTRACT:
Aim and detailed description of the course (extend space for writing - no less than one page, no more than two).

Poster /workshop:
A time slot on the first or second day for a short "poster/workshop" session might be included, in which the participants are invited to introduce themselves and to present their current research project.

The course is addressed to *(kinds of attendees particularly expected: doctoral students, young researcher, senior researchers, practicing engineers, technologists, others ….)*:

Promotion of the course
A CISM course is supposed to gather between 30 and 40 participants.
The proactive help of the Coordinator(s) and the Lecturers is crucial to reach this number. Based on our experience, the Coordinator(s) and the Lecturers can effectively promote their courses by encouraging their students to attend as this represents a valuable opportunity to learn from experts in the field, and by advertising their courses among colleagues and collaborators.

Publication and dissemination
All lectures could be recorded together with the presentation slides. These recordings will be used by CISM for dissemination purposes.
In addition, CISM aims to publish a bound volume containing the proceedings of the course. This volume will appear in the series of CISM books "Courses and Lectures" published and distributed by Springer.
Therefore, the course coordinators are kindly requested to take the role of book editor and all lecturers are kindly requested to publish the lecture notes, possibly revised and expanded, in the book.

Do you accept the commitments of being editor? Yes ❑ No ❑

Date and Signature of the Proponent(s):

Below you will find in black the remaining available dates for 2027.
If you encounter any difficulties, please contact the CISM secretariat at cism@cism.it.
(Kindly indicate your 1st and 2nd choice)

1st	2nd	
❑	❑	*(April 05 - 09)*
❑	❑	*(April 12 - 16)*
❑	❑	*(April 19 - 23)*
❑	❑	*(April 26 - 30)*
❑	❑	*(May 03 - 07)*
❑	❑	*(May 10 - 14)*
❑	❑	*(May 17 - 21)*
❑	❑	*(May 24 - 28)*
❑	❑	*(June 07 - 11)*
❑	❑	*(June 14 - 18)*
❑	❑	*(June 21 - 25)*
❑	❑	*(June 28 - July 02)*
❑	❑	*(July 05 - 09)*
❑	❑	*(July 12 - 16)*
❑	❑	*(July 19 - 23)*
❑	❑	*(July 26 - 30)*
❑	❑	*(September 06 - 10)*
❑	❑	*(September 13 - 17)*

❑ ❑ *(September 20 - 24)*

❑ ❑ *(September 27 - October 01)*

❑ ❑ *(October 04 - 08)*

❑ ❑ *(October 11 - 15)*

❑ ❑ *(October 18 - 22)*

❑ ❑ *(October 25 - 29)*

(1) Discipline Codes - *Choose up to four discipline codes from the enclosed list. Enter them in the order of relevance to the proposal:*

01	CONTINUUM MECHANICS
02	FINITE ELEMENT METHODS
03	COMPUTATIONAL MECHANICS
04	KINEMATICS AND DYNAMICS
05	VIBRATIONS OF SOLIDS AND STRUCTURES
06	WAVE MOTIONS IN SOLIDS
07	IMPACT ON SOLIDS
08	WAVES IN FLUIDS
09	SOLID FLUID INTERACTIONS
010	ASTRONAUTICS
011	ACOUSTICS
012	SYSTEMS THEORY AND DESIGN
013	PATTERN RECOGNITION
014	COMPUTATIONAL TECHNIQUES
015	SYSTEMS AND CONTROL APPLICATIONS
016	SOFTWARE, EXPERT SYSTEMS, ARTIFICIAL INTELLIGENCE
017	ROBOTICS
018	ELASTICITY AND VISCOELASTICITY
019	PLASTICITY AND VISCOPLASTICITY
020	COMPOSITE MATERIAL MECHANICS
021	STRUCTURAL STABILITY
022	SOIL MECHANICS
023	ROCK MECHANICS
024	FRACTURE AND DAMAGE MECHANICS
025	MATERIALS TESTING AND STRESS ANALYSIS
026	STRUCTURES
027	DAMS AND TUNNELS
028	MACHINE DESIGN
029	RHEOLOGY
030	HYDRAULICS
031	INCOMPRESSIBLE FLOW
032	COMPRESSIBLE FLOW
033	RAREFIED GAS FLOW
034	MULTIPHASE FLOWS
035	BOUNDARY LAYERS
036	INTERNAL FLOW
037	FREE SHEAR LAYERS
038	FLOW STABILITY
039	TURBULENCE
040	ELECTROMAGNETO FLUID AND PLASMA DYNAMICS
041	AERODYNAMICS
042	MACHINERY FLUID DYNAMICS
043	FLOW MEASUREMENTS AND VISUALIZATION
044	THERMODYNAMICS

045 HEAT AND MASS TRANSFER
046 COMBUSTION
047 GEOMECHANICS
048 EARTHQUAKE MECHANICS
049 ENVIRONMENTAL MECHANICS
050 BIOMECHANICS
051 GLOBAL POSITIONING SYSTEM
052 GEODESY
053 MULTI-FIELD PROBLEMS
054 EXPERIMENTAL MECHANICS
055 MATERIAL PARAMETERS IDENTIFICATION
056 DIAGNOSIS OF STRUCTURAL DAMAGES BY INVERSE ANALYSIS
057 MICROMECHANICS AND MEMS
058 NANOMECHANICS AND NEMS
059 DYNAMICAL SYSTEMS
060 MATHEMATICAL AND FUNCTIONAL ANALYSIS
061 NUMERICAL ANALYSIS
062 3D PRINTING
063 BIGDATA
064 ARTIFICIAL INTELLIGENCE