



UNIVERSITÀ DI PARMA

DIPARTIMENTO DI INGEGNERIA E ARCHITETTURA
CORSO DI LAUREA IN ARCHITETTURA E CITTA' SOSTENIBILI

**BUILDING INFORMATION MODELING:
DIGITAL MODELING OF ARCHITECTURE
DIGITAL VISUALIZATION OF PROJECT**

A.A. 2022-2023, Prof. Sandra Mikolajewska
28/03/2023

GUIDELINES FOR THE PRESENTATION TO PREPARE FOR APRIL 18.

ASSIGNED TIME: **6 MINUTES** (6min x 20 groups = 120 min).

YOU SHOULD COVER THE FOLLOWING TOPICS:

- IDENTIFICATION OF THE SELECTED PLOT AND EXPLANATION OF THE CHOICE [site analysis];
- DISPOSITION OF THE BUILDING AND THE EXTERNAL AREAS WITHIN THE PLOT;
- DISPOSITION OF ROOMS WITHIN THE BUILDING;
[room orientation related to the movement of the sun throughout the day];
- SOLAR ANALYSIS OF THE CONCEPTUAL VOLUME;
- SOME CONSIDERATIONS ABOUT THE CONSTRUCTIVE TECHNIQUES
[references, structural grid, etc.].

AS THIS WILL NOT BE YOUR DEFINITIVE VERSION OF THE PROJECT (IN MOST CASES), **REPRESENTATION TECHNIQUES ARE FREE** (I AM EXPECTING TO SEE FREEHAND DIAGRAMS, SKETCHES, CAD DRAWINGS, ETC.).

IN CAD DRAWINGS USE THE TECHNICAL DRAWING CONVENTIONS CORRECTLY (STAIRS, DOORS, WINDOWS, ETC.)!

YOU DO NOT HAVE TO PREPARE THE BIM MODEL! (NOT YET)

PLEASE UPLOAD THE PRESENTATION ON THE ELLY PLATFORM IN **PDF/PPTX FORMAT** (DEADLINE 18th April, 09.30).

