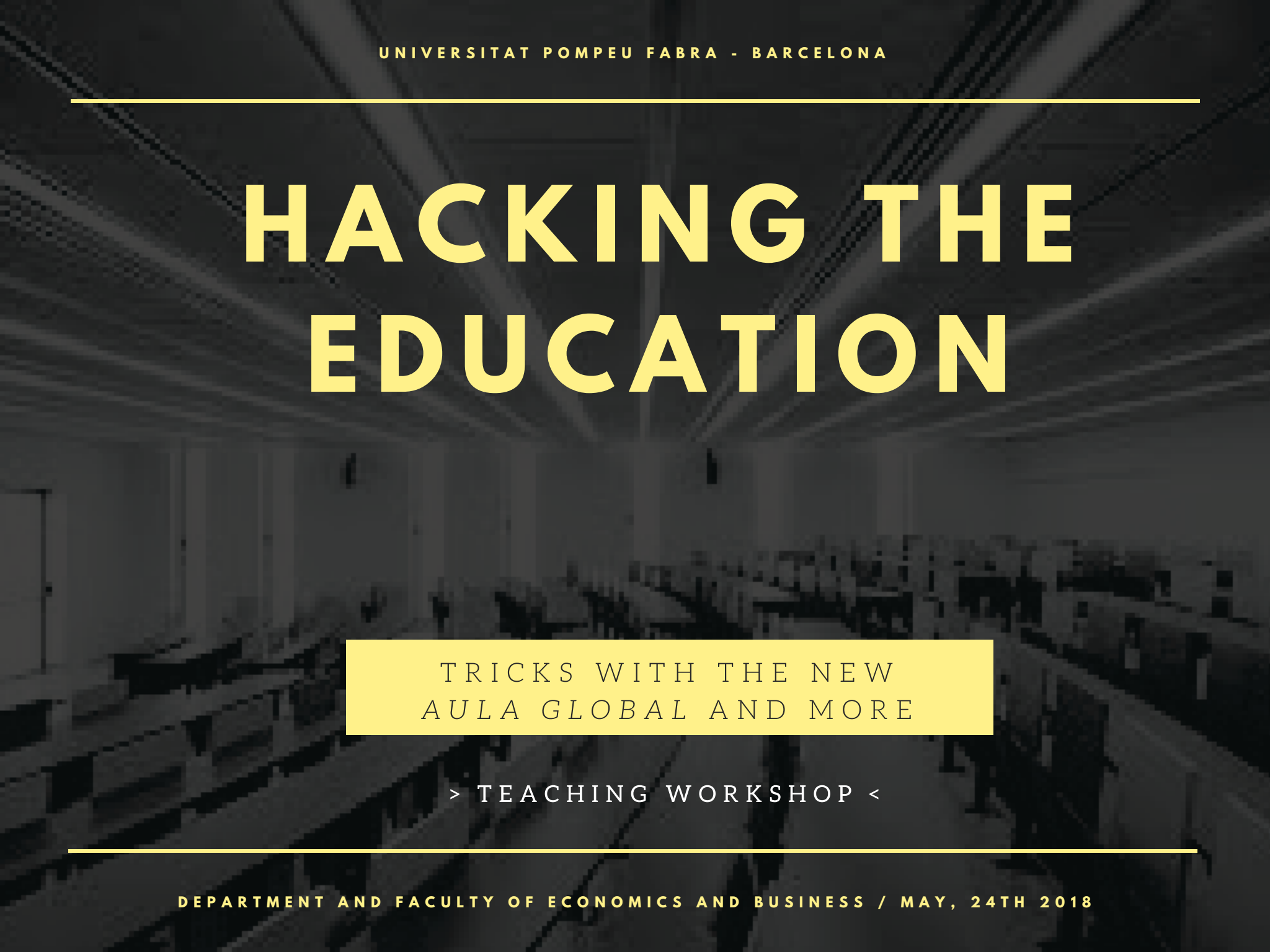


UNIVERSITAT POMPEU FABRA - BARCELONA

HACKING THE EDUCATION

TRICKS WITH THE NEW *AULA GLOBAL* AND MORE

> TEACHING WORKSHOP <

DEPARTMENT AND FACULTY OF ECONOMICS AND BUSINESS / MAY, 24TH 2018

WHAT'S THE SCENARIO?

01 VOLATILITY

Stability in an unceasing movement

02 UNCERTAINTY

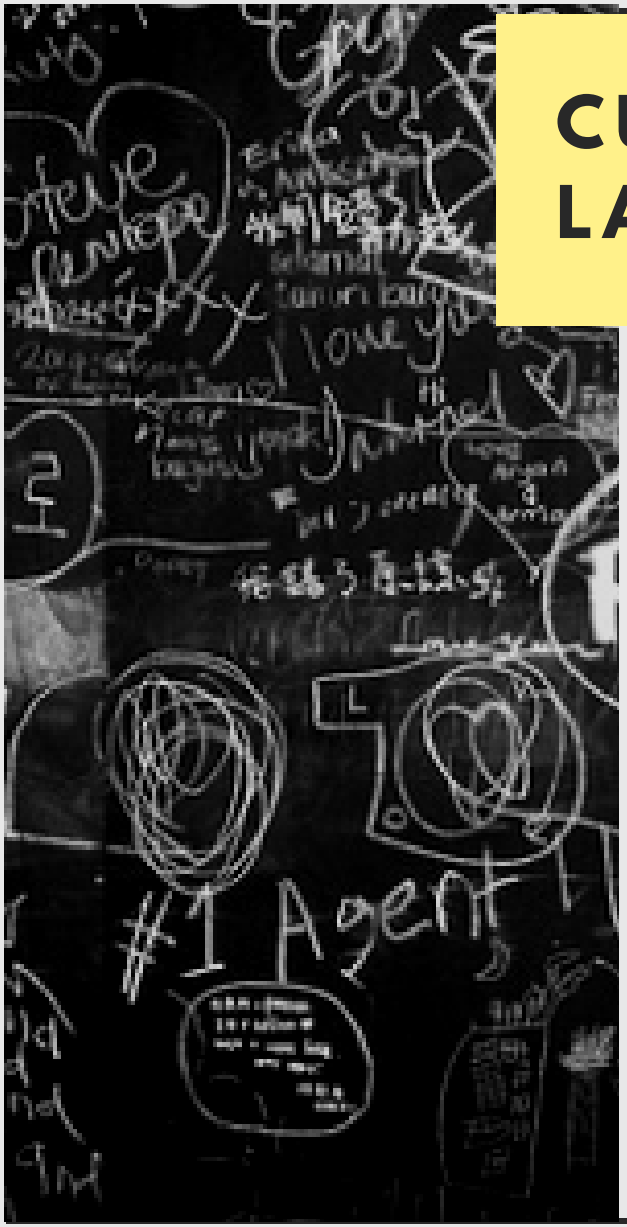
Order within the chaos

03 COMPLEXITY

Self-management in non-manageable situations

04 AMBIGUITY

Structure within the anarchy



CURRENT EDUCATIONAL LANDSCAPE

DISCIPLINES CONVERGENCE AND TRAINING COMPLEMENTATION : LIFELONG LEARNING

DISBANDMENT OF UNDERGRADUATE PROGRAMMES AS SPECIALISED COURSES

TRANSDISCIPLINARITY AND LEARNING SELF-MANAGEMENT

7 LEARNING PRINCIPLES

01 STUDENT-CENTERED

02 SOCIAL AND COLLABORATIVE

03 MOTIVATION AND EXPERIENCE DRIVEN

04 SENSITIVE TO THE DIFFERENCES

05 SENSITIVE TO THE EFFORT

06 CONTINUOUS ASSESSEMENT

07 HORIZONTALLY CONNECTED

LEARNING TYPOLOGIES

Expansions

Compressions

Welding

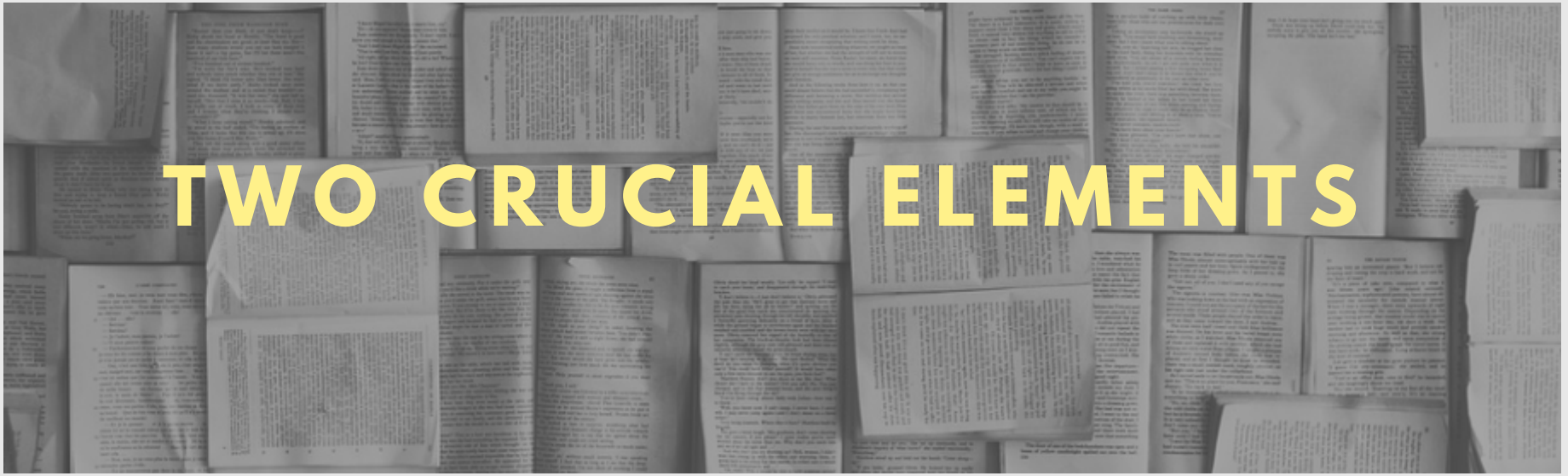
Tracks

Moulds

Packaging

DISSOLVING BOUNDARIES IN EDUCATION

-
- *Between disciplines*
- *Between spaces*
- *Between times*
- *Between territories*
- *Between organisations*
- *Between ages*
- *Between curriculums*
- *Between research and teaching*



TWO CRUCIAL ELEMENTS

ELEMENT 1

GLOBALISATION

Conceptual

ELEMENT 2

TECHNICAL REVOLUTION

Instrumental

Globalisation

EXPONENTIAL GROWTH OF STUDENTS (AROUND 400 MILLIONS)

EXPONENTIAL GROWTH OF THE LIFELONG LEARNING DYNAMICS

EXPONENTIAL GROWTH OF IN COMPANY PROGRAMMES

GLOBAL PROFESSIONAL DESINVOLVEMENT ACCORDING TO GLOBAL PROBLEMS

EXPONENTIAL GROWTH OF MOBILITY

TECHNOLOGICAL REVOLUTION

Assistant robots

Artificial Intelligence

Blockchain Education

MOOCs

Serious games

WHAT CAN BE OFFERED AS DIFFERENT COMPARED WITH ROBOTS AND NEW TECHNOLOGY?

Creativity

Flexibility

Divergent thinking

Mental transferring

Experiential learning

Collaborative working

Ethic vision

EDUCATION AS AN INTERFACE

- MUTUAL DIALOGUE
- NETWORK STRUCTURE
- CONSTANT MUTATION
- INTERACTION SPACE
- REDISGN
- REFORMULATION OF STRATEGIES, POSITIONS AND CONFRONTATIONS

XXI CENTURY SKILLS

Play

Performance

Simulation

Appropriation

Multitasking

Distributed cognition

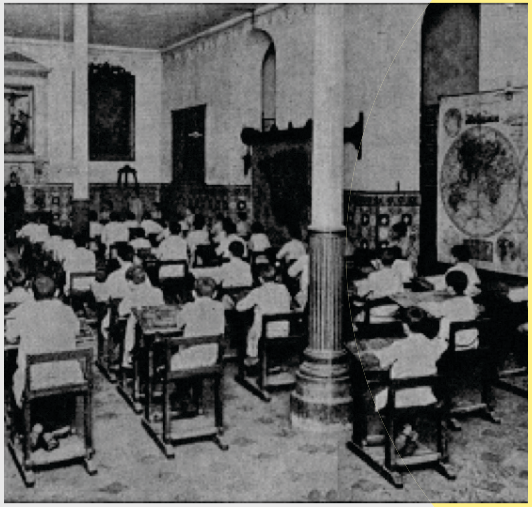
Collective intelligence

Judgment

Transmedia navigation

Networking

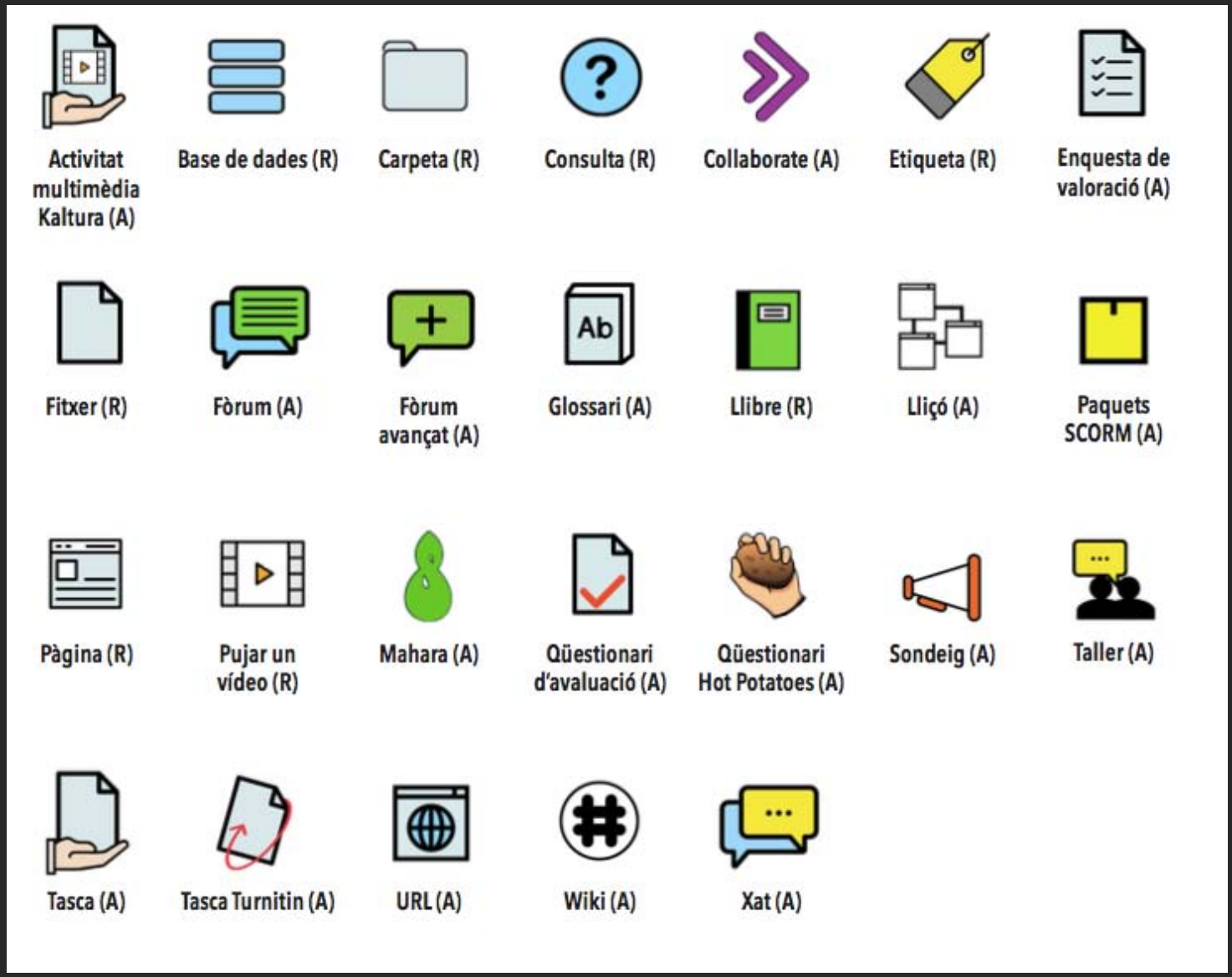
Negotiation



WHAT CAN A LMS BRING?

- Learning spaces
- Time spaces
- Learning dynamics
- Crucial experiences

TOOLS


Activitat multimèdia Kaltura (A)
Base de dades (R)
Carpeta (R)
Consulta (R)
Collaborate (A)
Etiqueta (R)
Enquesta de valoració (A)
Fitxer (R)
Fòrum (A)
Fòrum avançat (A)
Ab
Glossari (A)
Llibre (R)
Lliçó (A)
Paquets SCORM (A)
Pàgina (R)
Pujar un vídeo (R)
Mahara (A)
Qüestionari d'avaluació (A)
Qüestionari Hot Potatoes (A)
Sondeig (A)
Taller (A)
Tasca (A)
Tasca Turnitin (A)
URL (A)
Wiki (A)
Xat (A)

TOOLS

- Learning
- Creation
- Management
- Discovering

- Connexion
- Exeperience
- Assessment
- Professionalisation

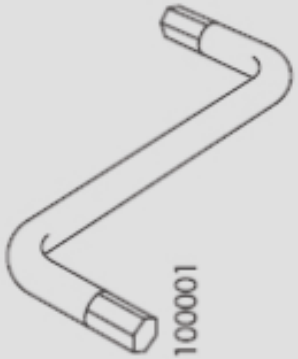
12x

12x

4x

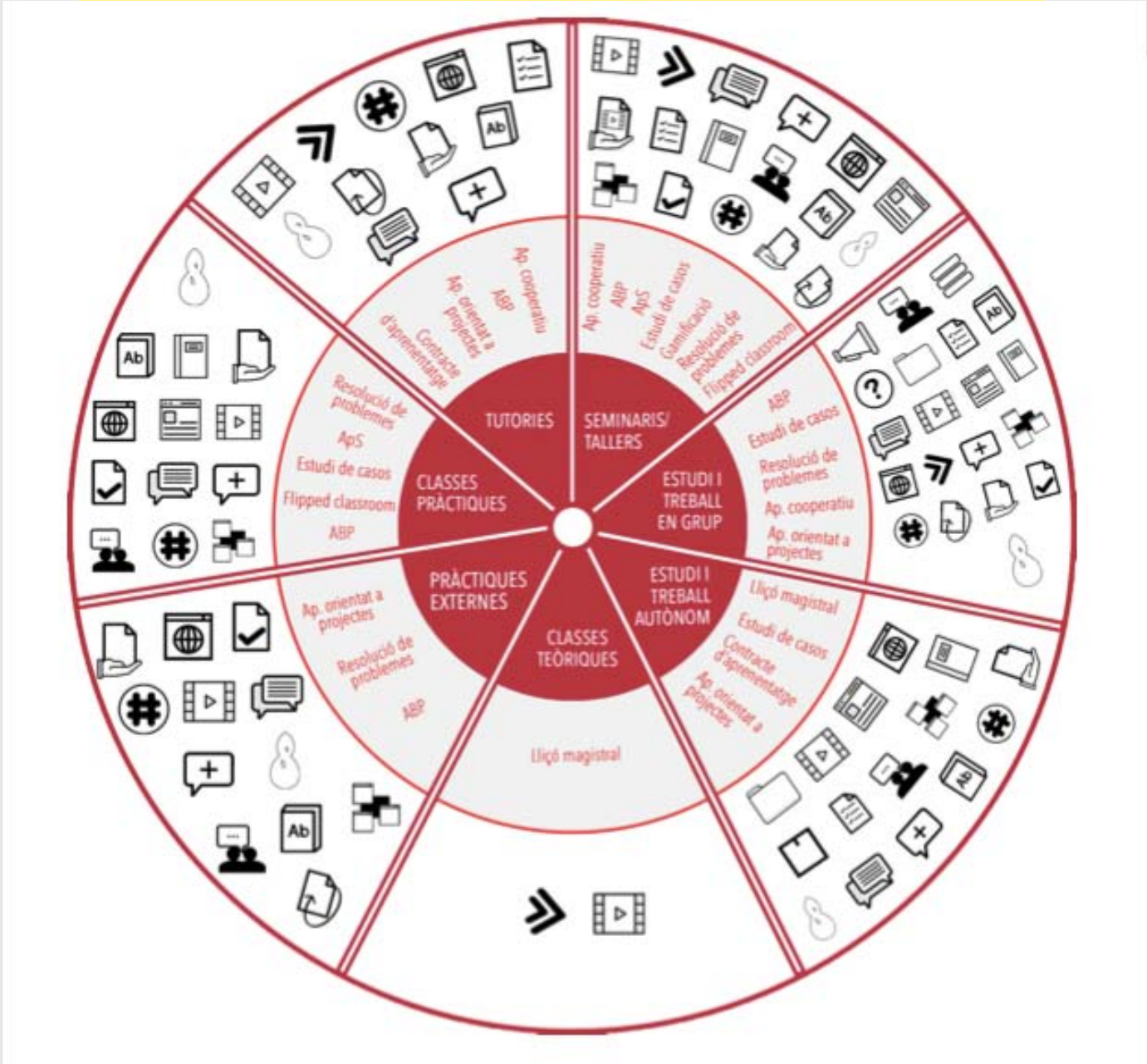
24x

8x



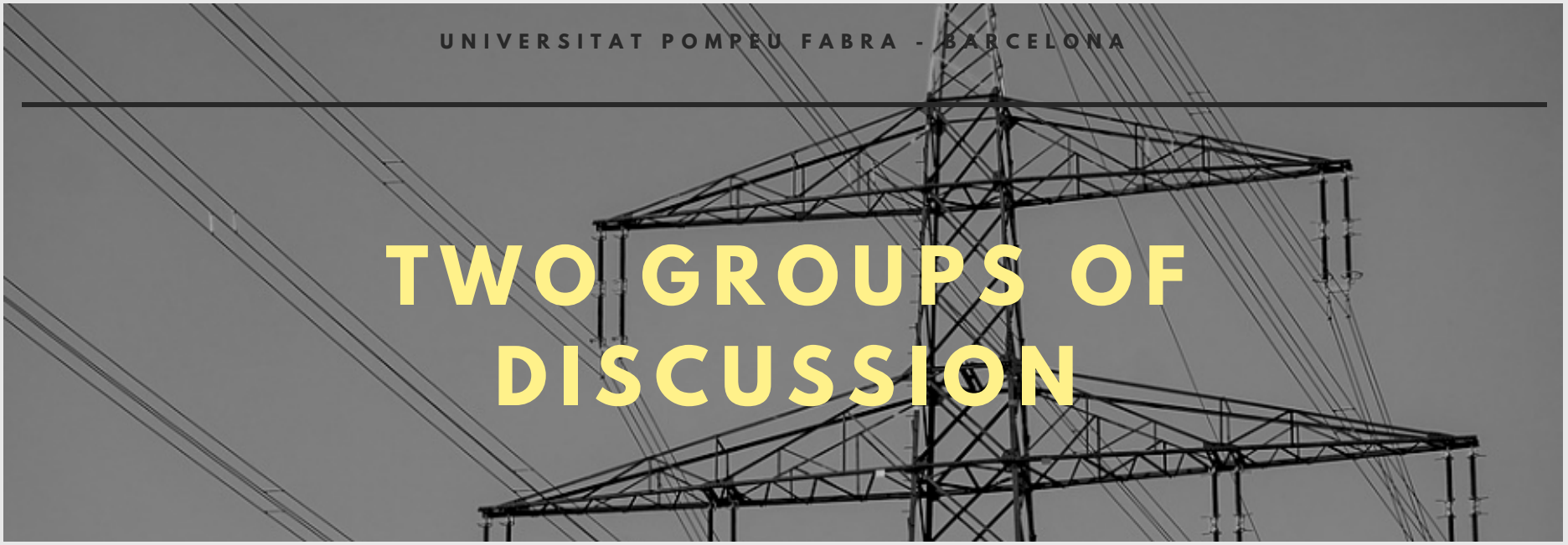
1x

THE LEARNING WHEEL



WHAT IS Evolució ?

- Genuine
- Flexible
- Crossdisciplinar
- Student-centered
- Connected with social and industrial agents
- Internationally competitive
- Glocally engaged
- Producing-driven
- Research-integrative



TWO GROUPS OF DISCUSSION

FACULTY

TEACHERS AND STUDENTS

STAFF

DIFFERENT UNITS AND SERVICES

AREAS OF DISCUSSION

1. ACCESS TO THE UNIVERSITY
2. FACE TO FACE AND ONLINE COURSES
3. LANDING AND TAKE OFF PROGRAMMES
4. TUTORING AND MENTORING
5. TEACHING ROLE AND LOAD
6. METHODOLOGIES
7. ASSESSMENT
8. INTERNSHIPS AND FINAL DEGREE PROJECTS
9. INTREGRATION OF SOCIAL AND ENTERPRENEURIAL AGENTS
10. IDENTITARY AND CROSSDISCIPLINAR SKILLS

CALENDAR

- 1st Phase - General Discussion: January-September 2018 (every two weeks)
- 2nd Phase - Departments Discussion: October 2018 - March 2019
- 3rd Phase - Final Design: March-June 2019
- 4th Phase - Implementation: September 2019

CONCLUSIONS

1 The knowledge ecosystem is changing and the universities who are able to adapt to this change are more likely to survive

2 The changes require a new way to approach to teaching practices and take into account other resources

3 Online tools offer far more possibilities than we traditionally use

4 Students usually thank this kind of innovations and perform better in general terms

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THANK YOU!

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