

Research Planning and Management:

From the Idea to the Project

JUMAT

23

SEPTEMBER 2022

189908



Dr. Laurent Canale

Research Engineer from the French National Center
for Scientific Research in the LAPLACE Lab., Toulouse, France.

cnrs

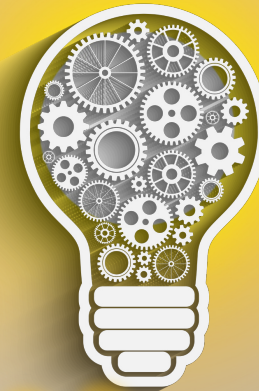
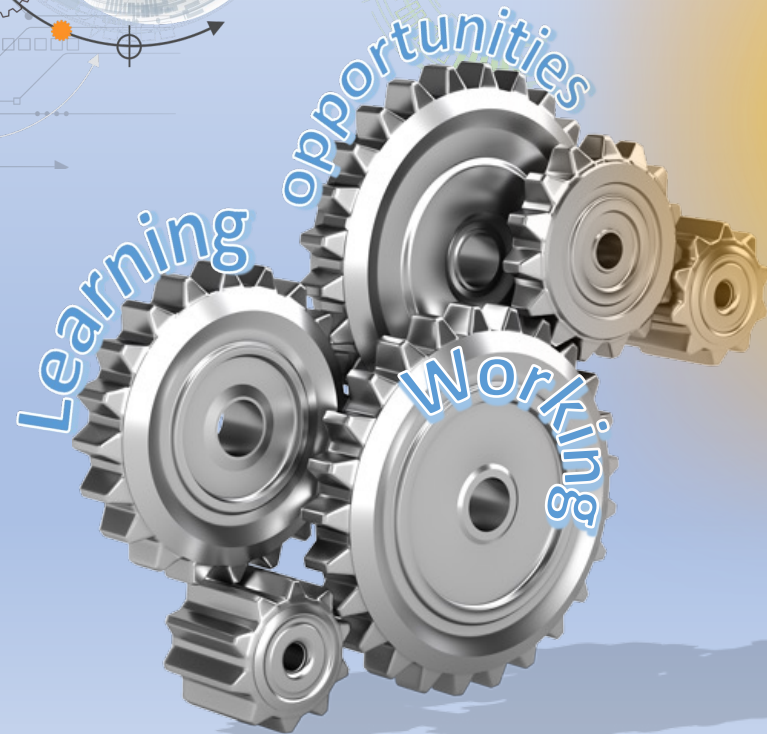
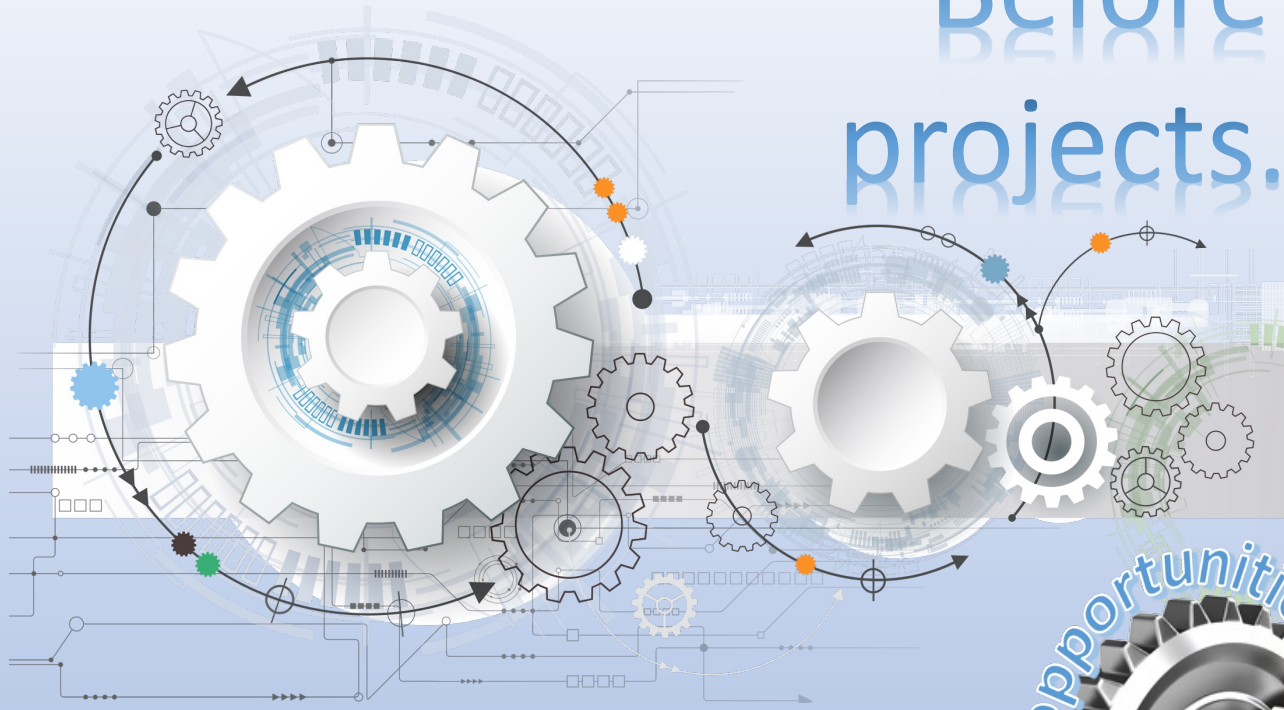
 Laplace



STEI - ITB

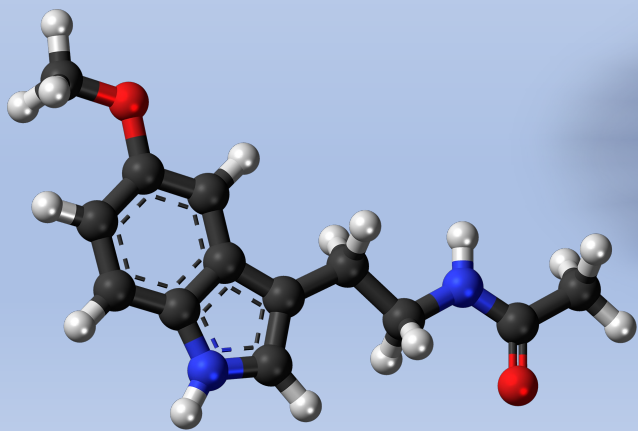
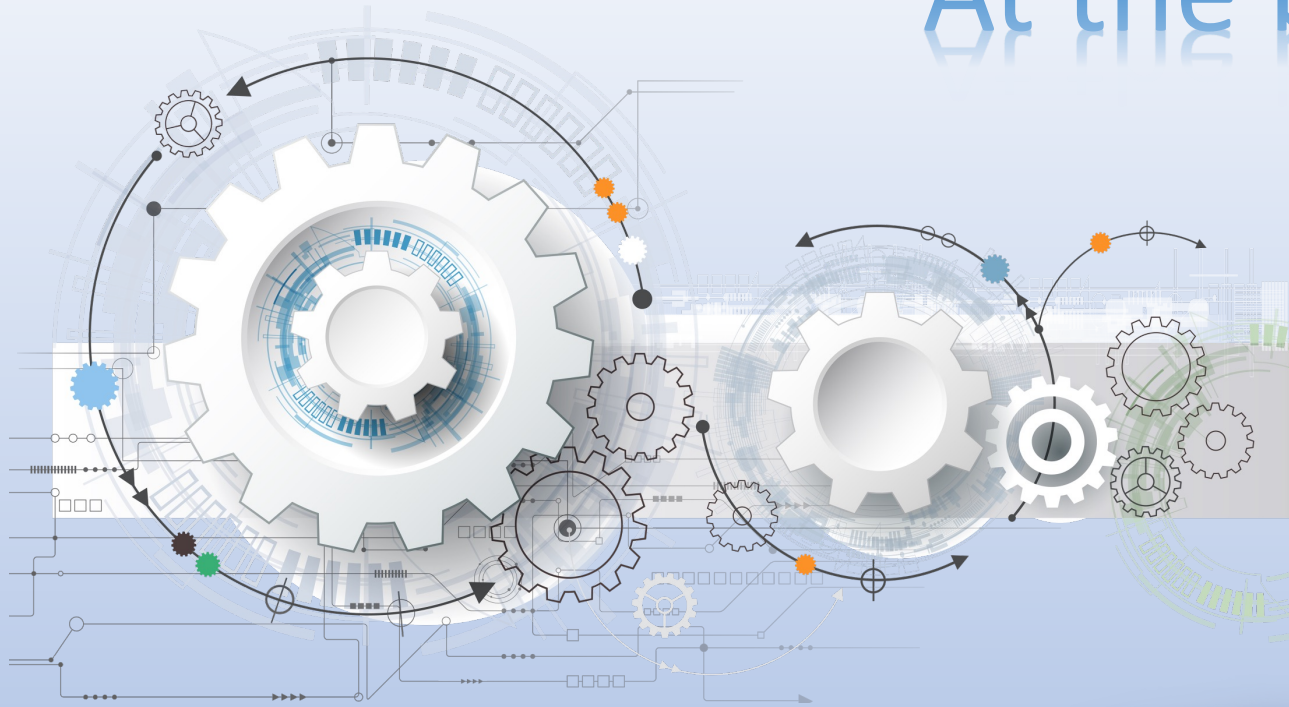


Before ideas and projects... learning and work



Idea!

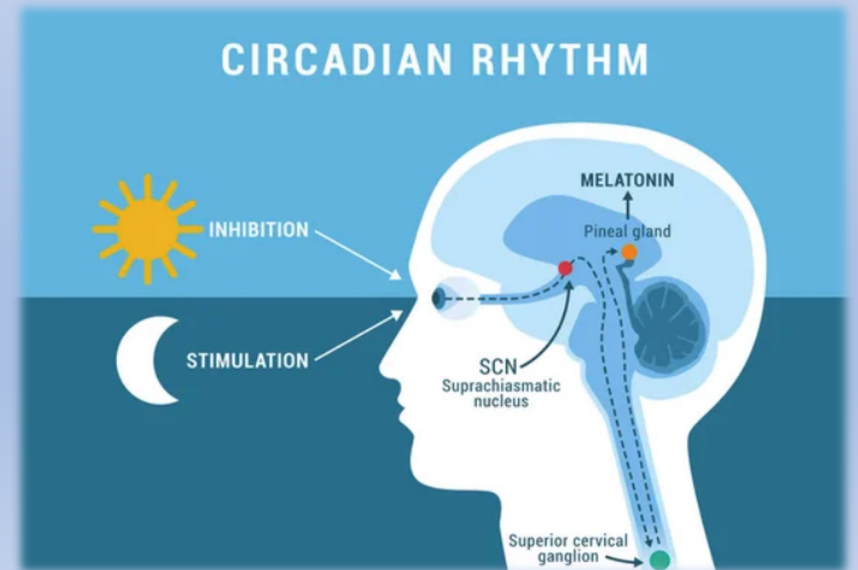
At the beginning, there
was... Learning,
work and
Light!



Blue Light... What else?

**Sleepiness during driving:
blue light as effective as coffee!**

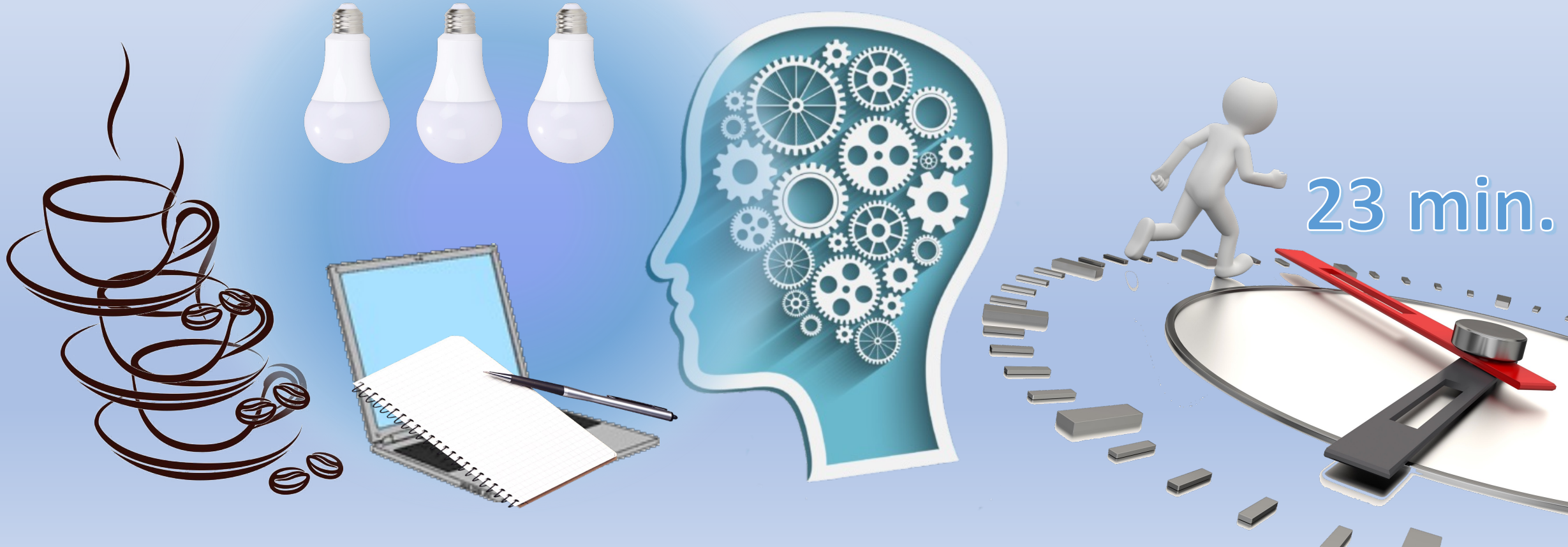
*Laboratory "Sleep, attention and neuropsychiatry"
(CNRS / Bordeaux Segalen University) - 2012*



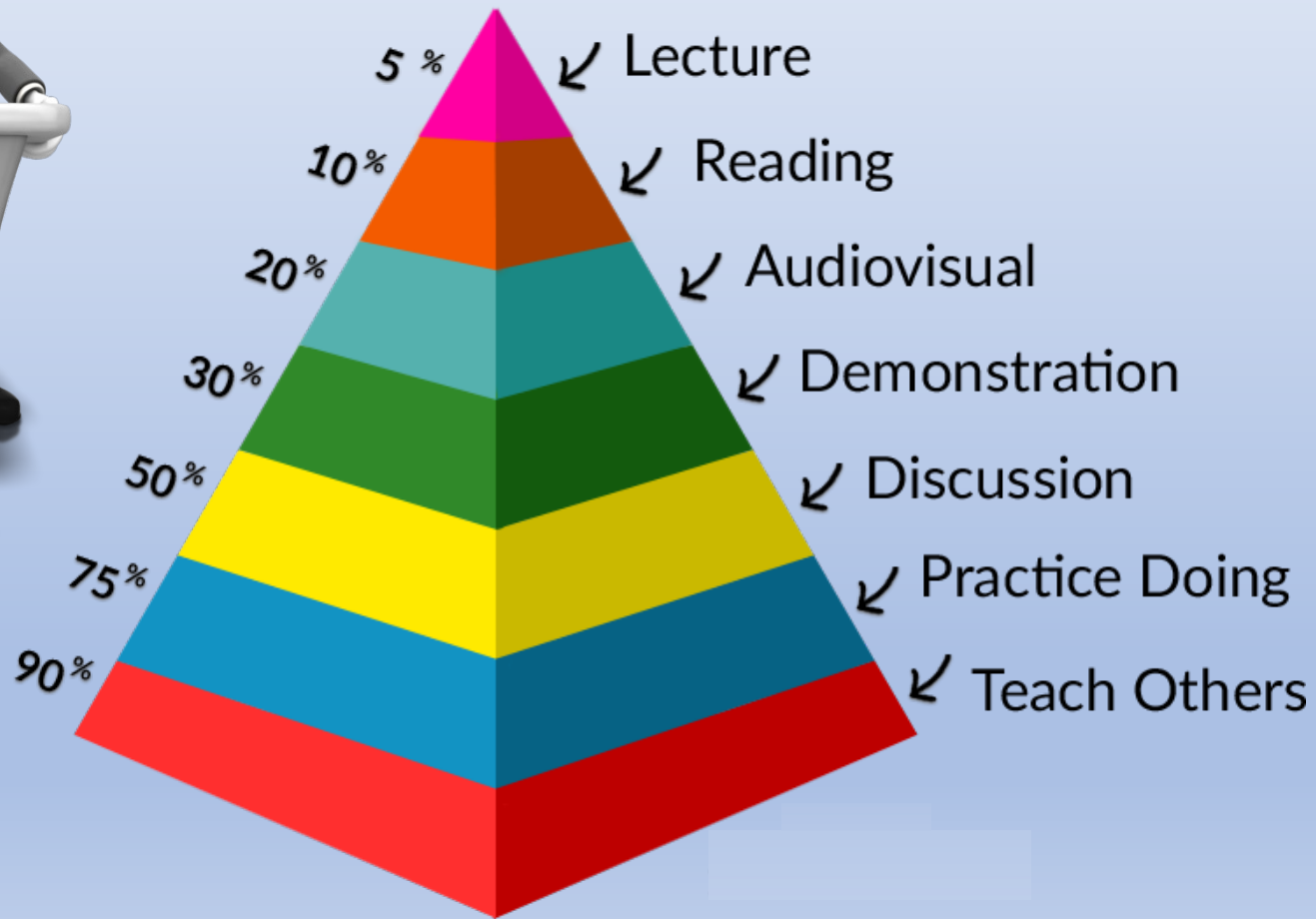
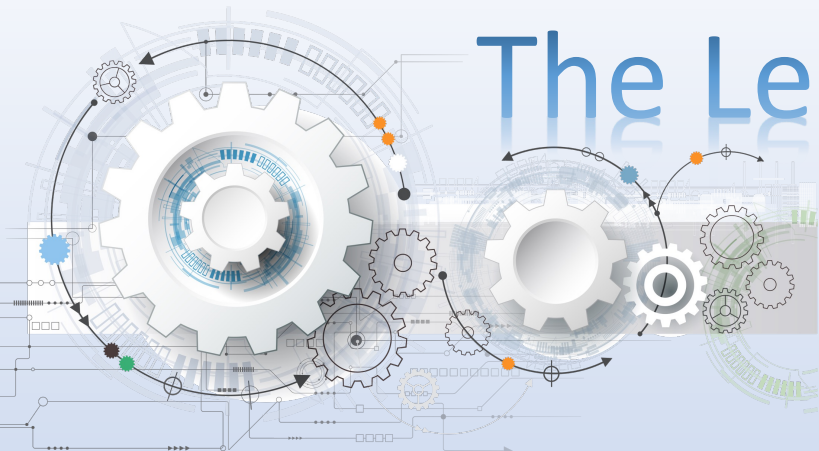
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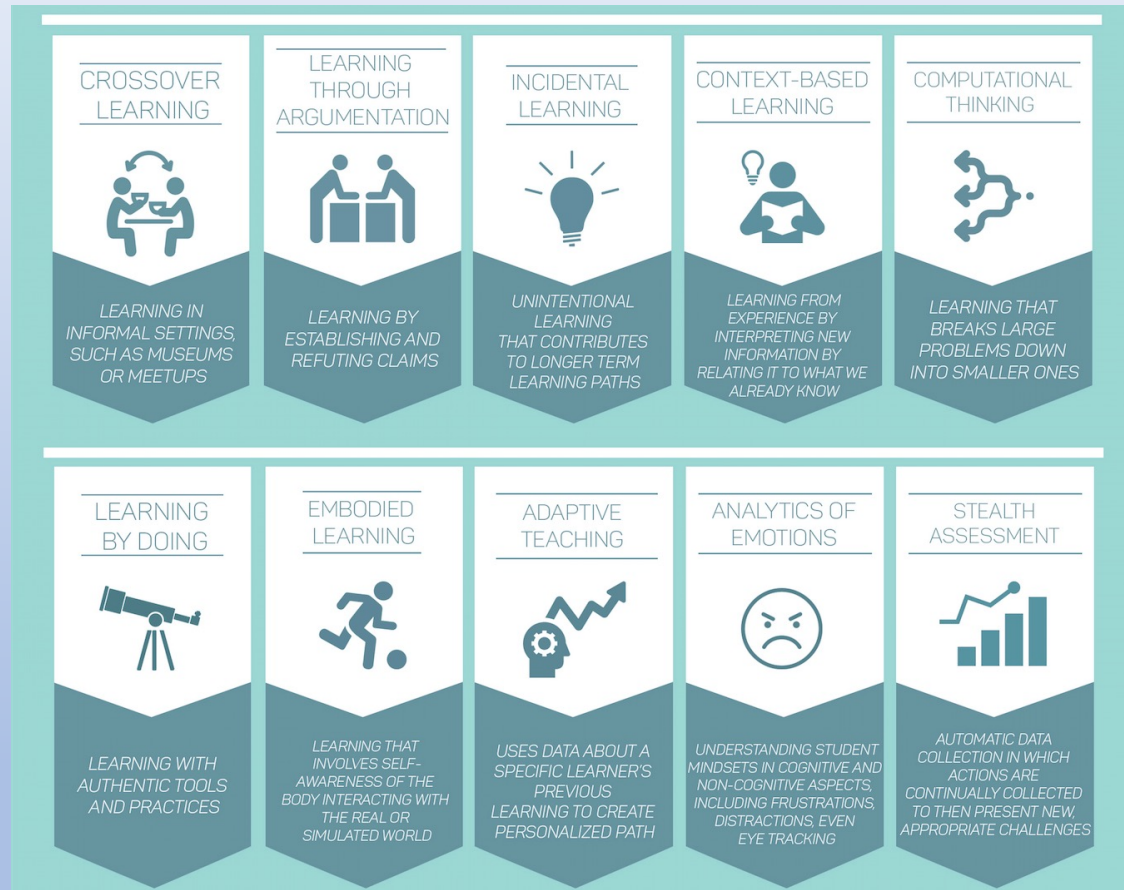
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The Learning Pyramid...



Different Methods...

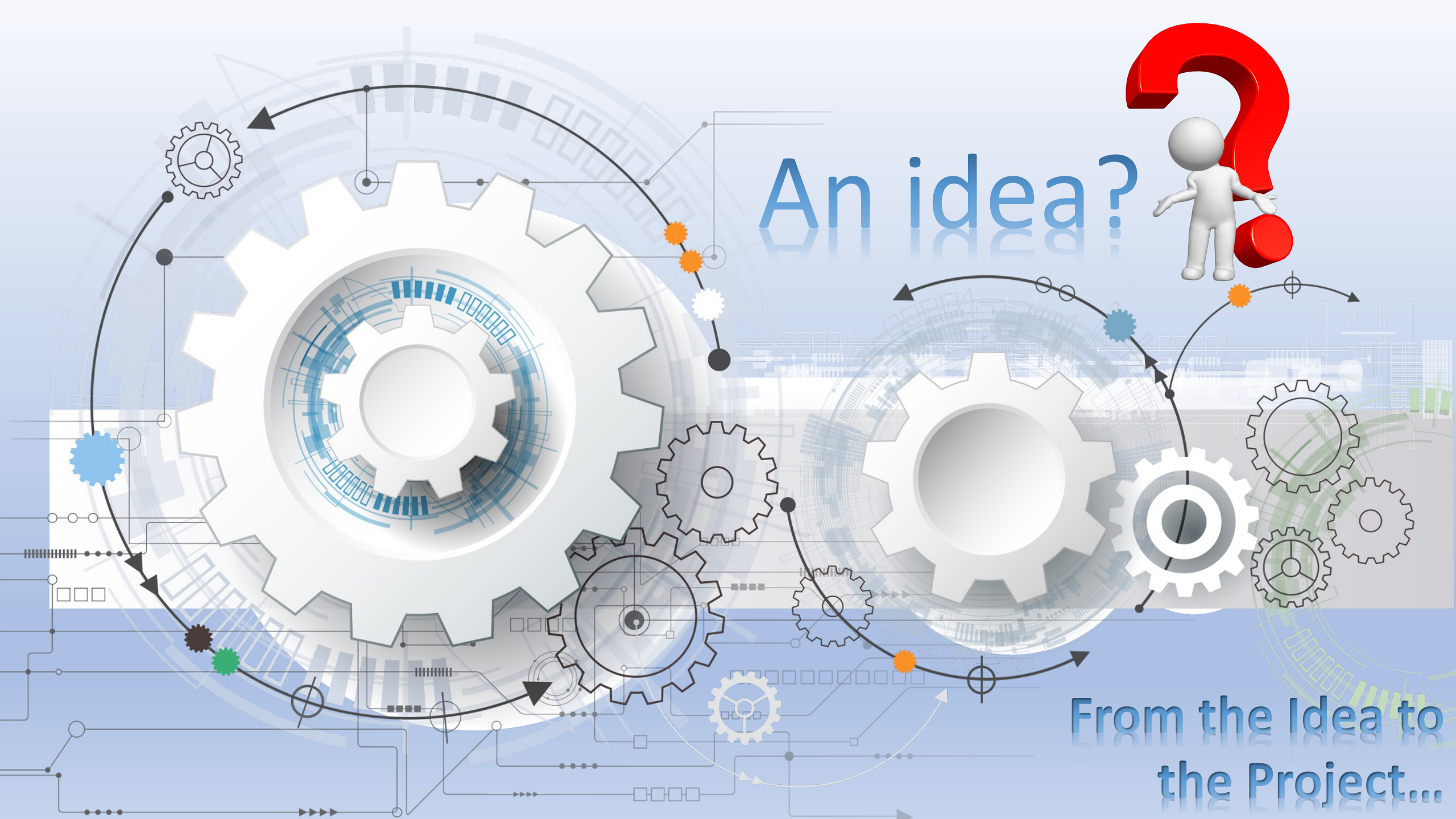


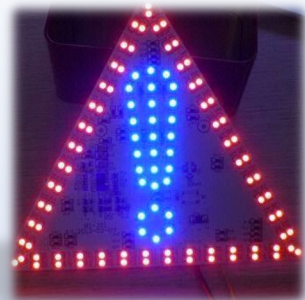
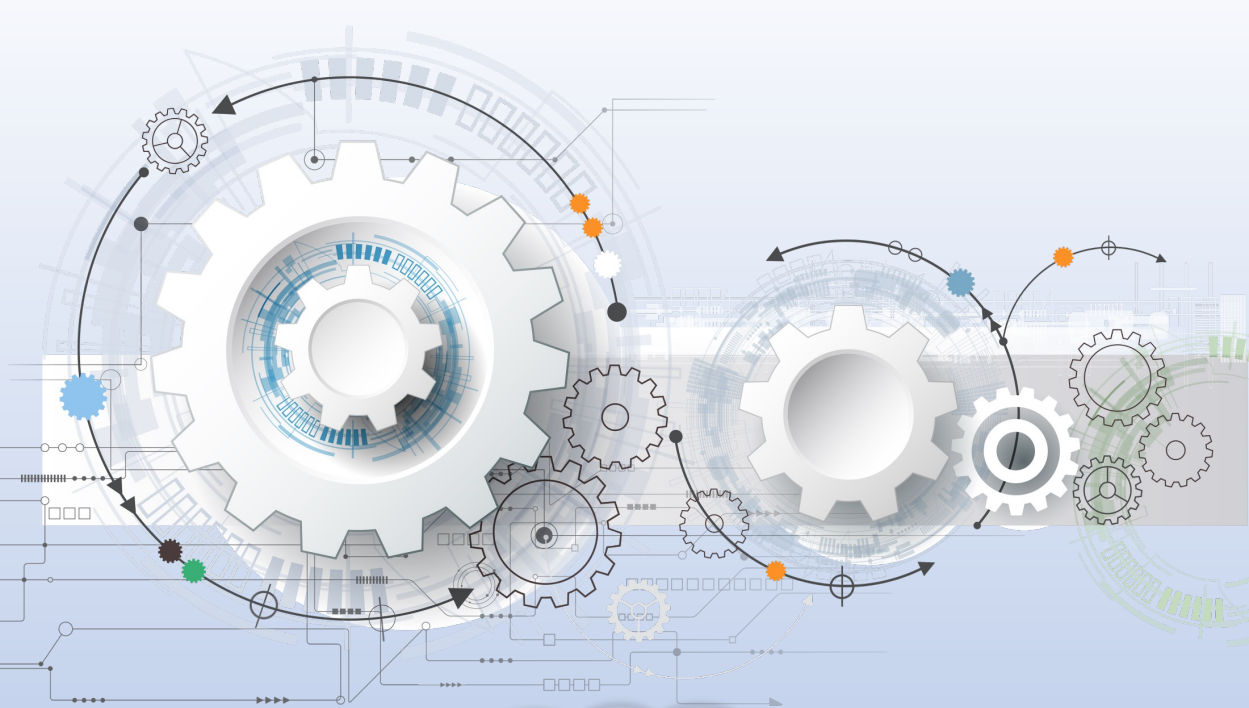
But the best method remains “learning by teaching to others”

An idea?

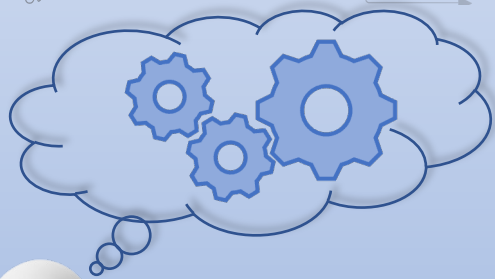


From the Idea to
the Project...

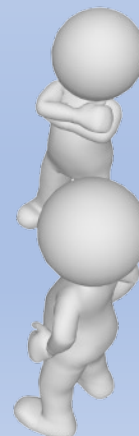
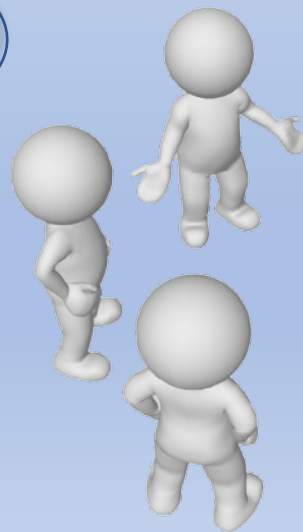
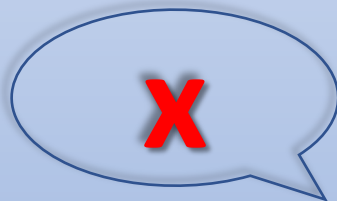




**There are always
more inside several
heads than in one!**

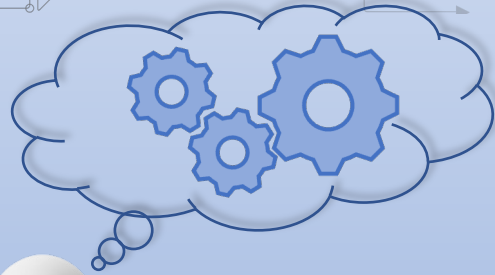
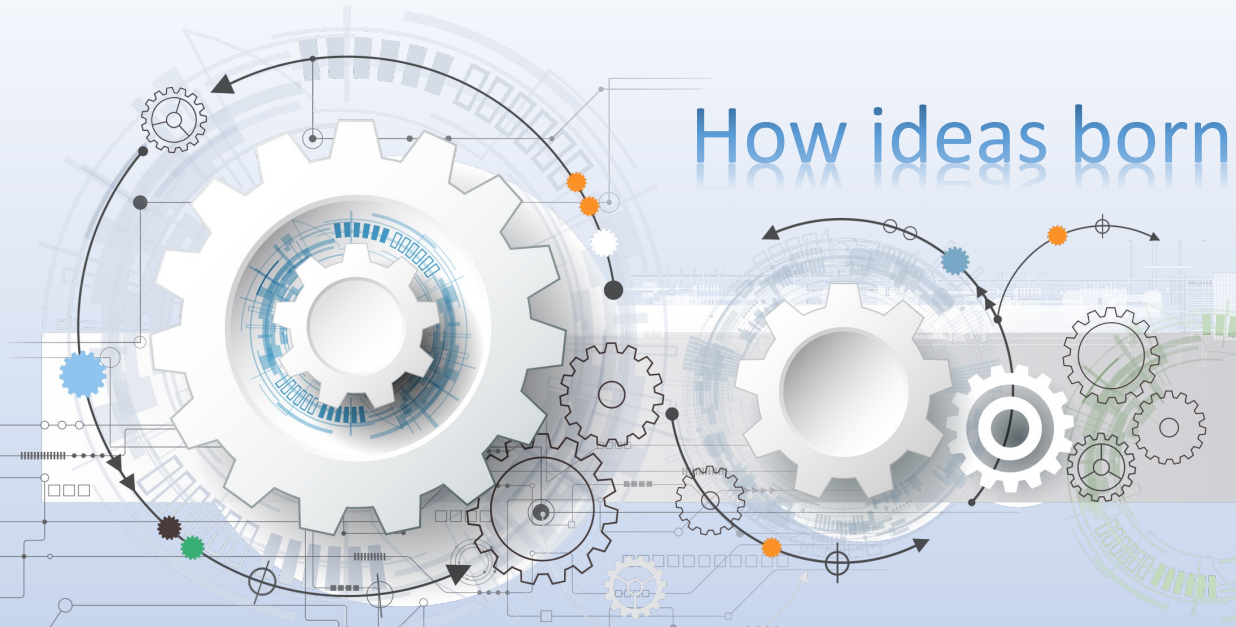


Own experience
School career
Conferences
Reviewing papers
Professional network...



Team Meetings
Conferences
Research Programs...

How ideas born...

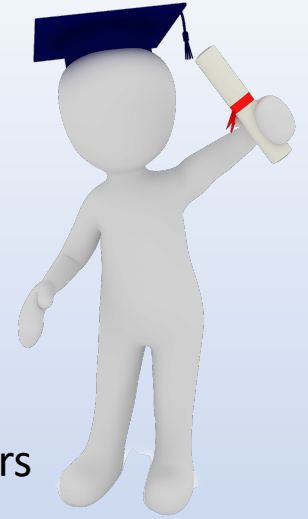


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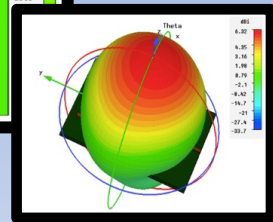
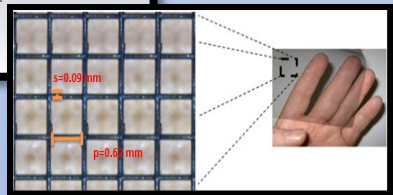
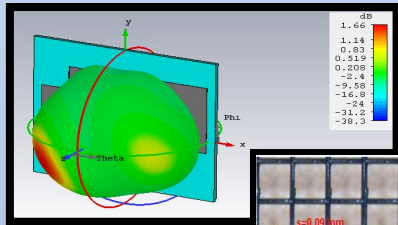
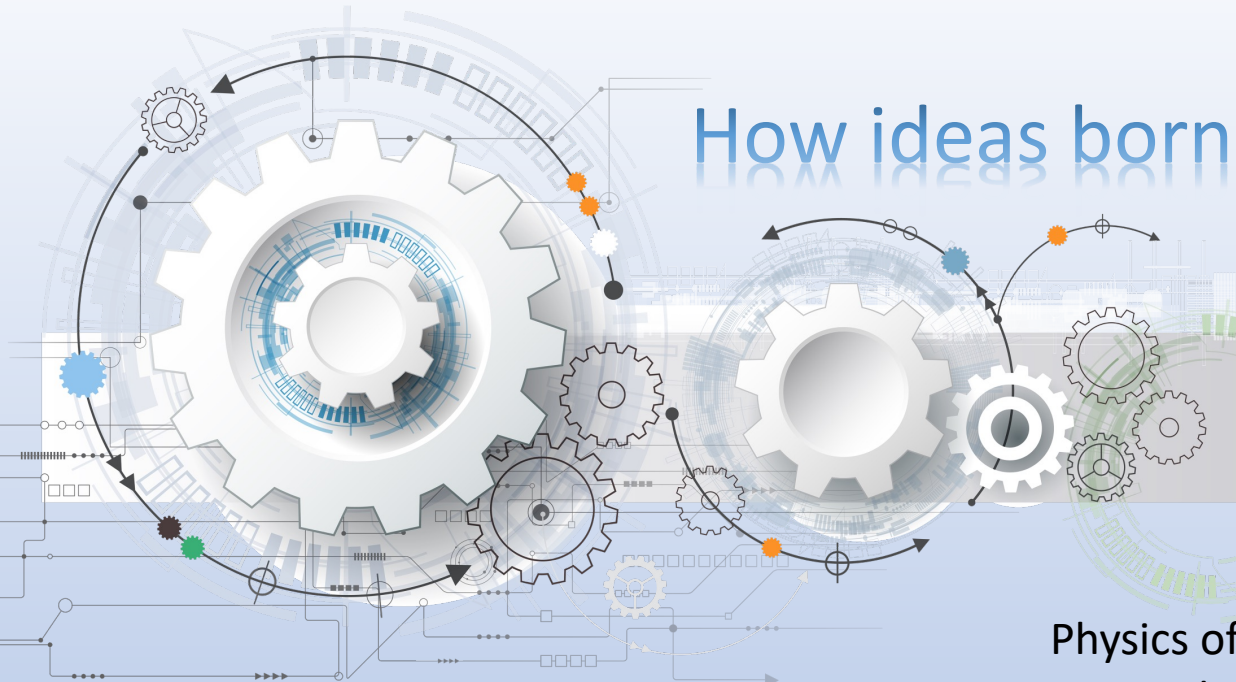
A school career...
... with a wide range of knowledge



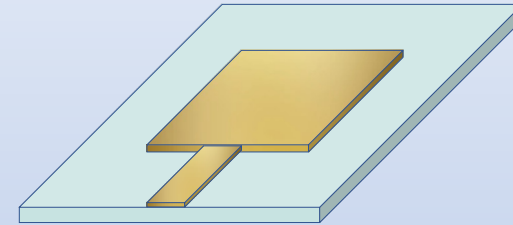
Electrotechnics
Electronics
Mathematics
Physics
Physics of Semi-conductors
Radiations & Antennas
Non-linear Electronics
Non-linear Optics
Fiber optics
Telecommunication Theory
Material Sciences
Light sources (LED & OLED)
Agronomy
Mechanics
Microwaves
Thermodynamics
Fluid Mechanics...



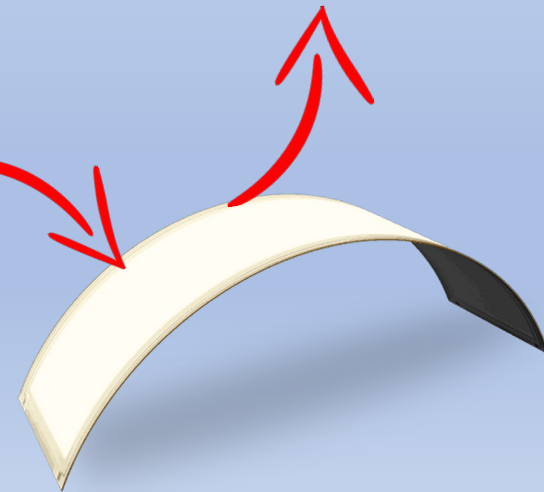
How ideas born...



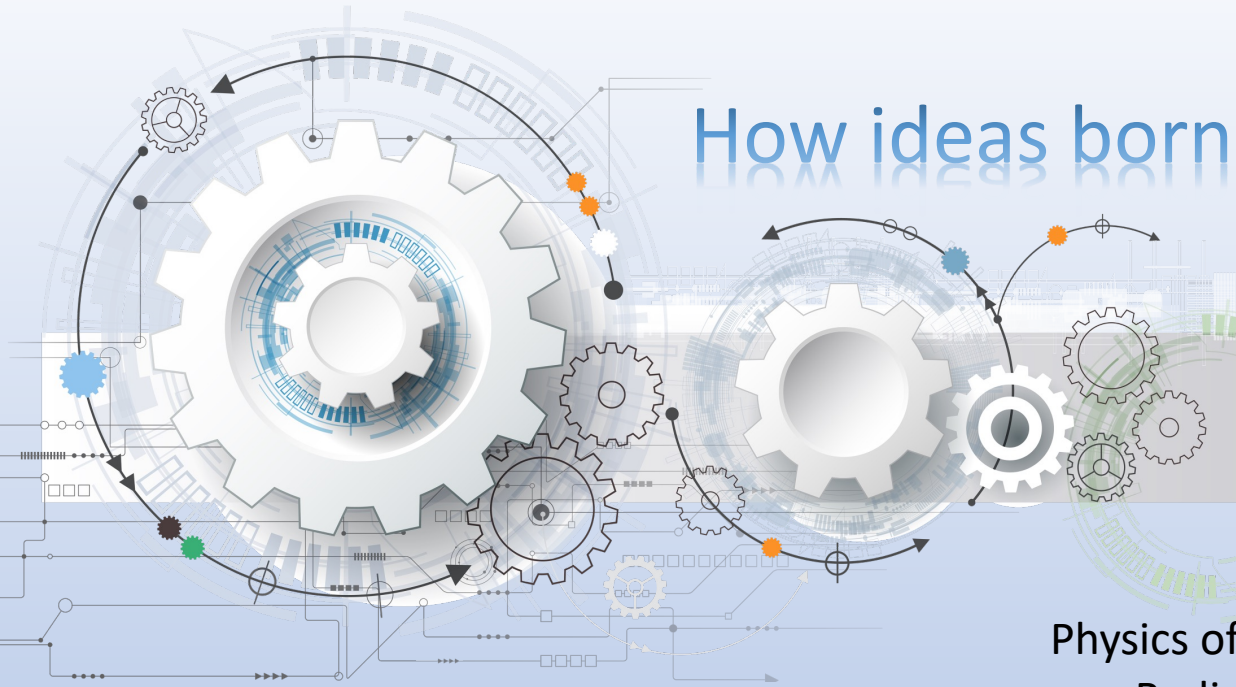
- Electrotechnics
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- Thermodynamics
- Fluid Mechanics...



Transparent antennas embedded in OLED (PhD thesis)



How ideas born...



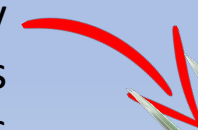
*Under evaluation,
submitted Sept., 17th, 2022*

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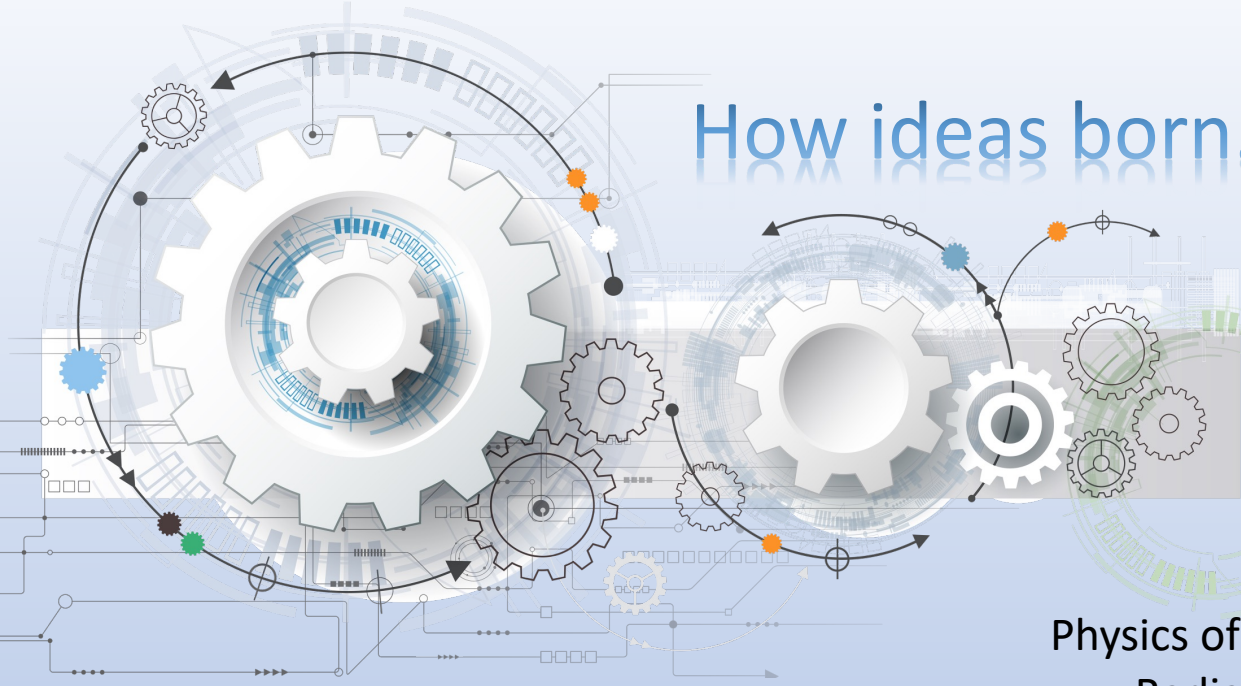
gedfe
inteligência
em iluminação



Project MELHOR
*(Mastering Efficient Lighting for
HORTiculture)* with Santa Maria
University (Brazil)



How ideas born...



Electrotechnics
Electronics
Mathematics
Physics



Physics of Semi-conductors
Radiations & Antennas
Non-linear Electronics
Non-linear Optics
Fiber optics
Telecommunication Theory
Material Sciences
Light sources (LED & OLED)



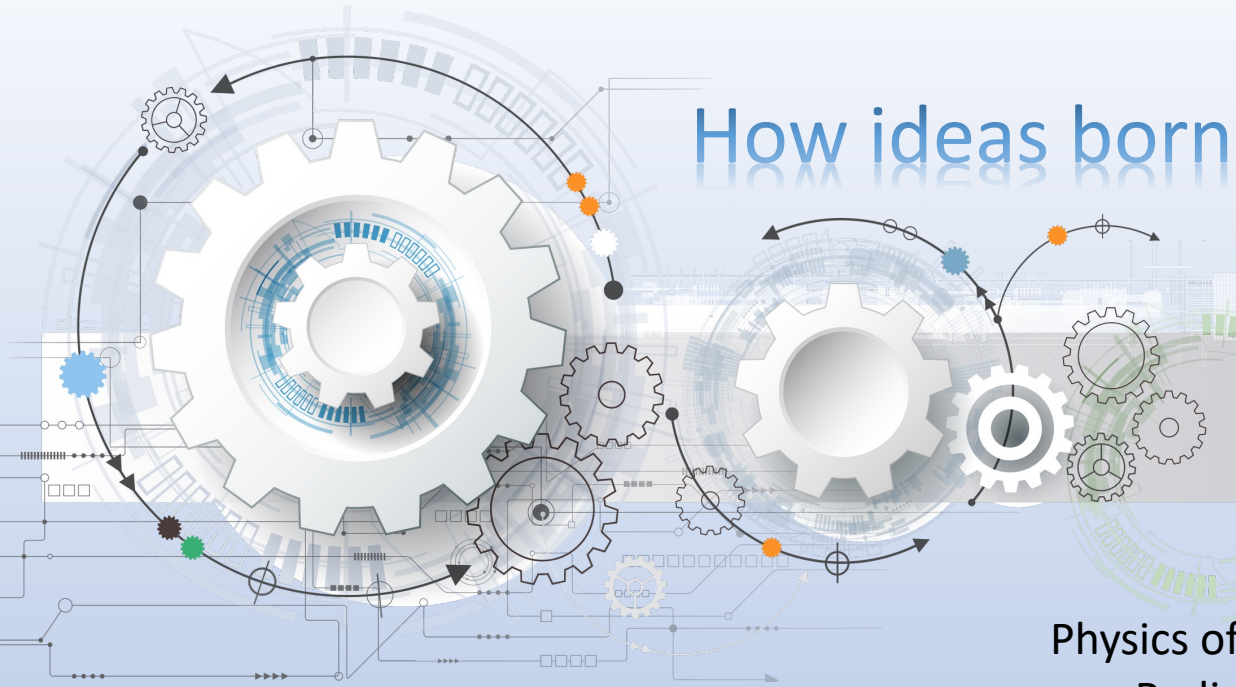
Project MELINA
(Mastering Efficient Lighting In North Africa) with Tunisian, Moroccan, Algerian Universities



Agronomy
Mechanics
Microwaves
Thermodynamics
Fluid Mechanics...



How ideas born...



 **Laplace**



STEI - ITB



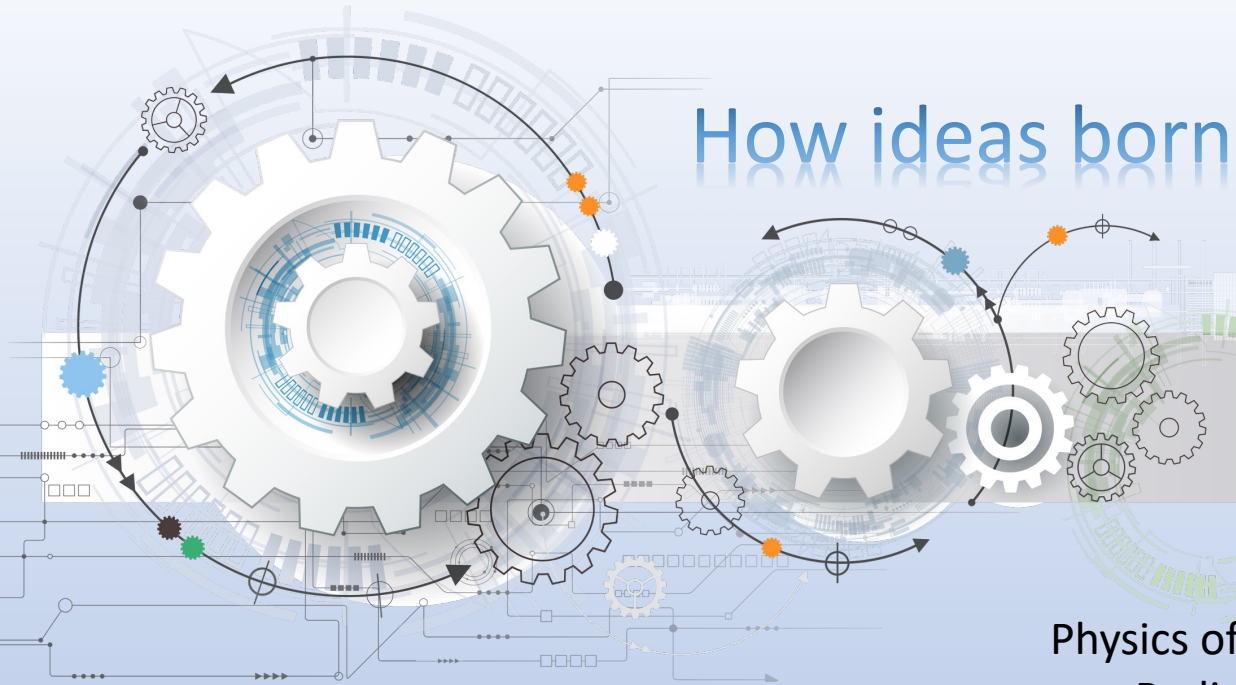
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Project MELIndA
(Mastering Efficient for Indonesian Areas) with ITB



How ideas born...



 **Laplace**



- Electrotechnics
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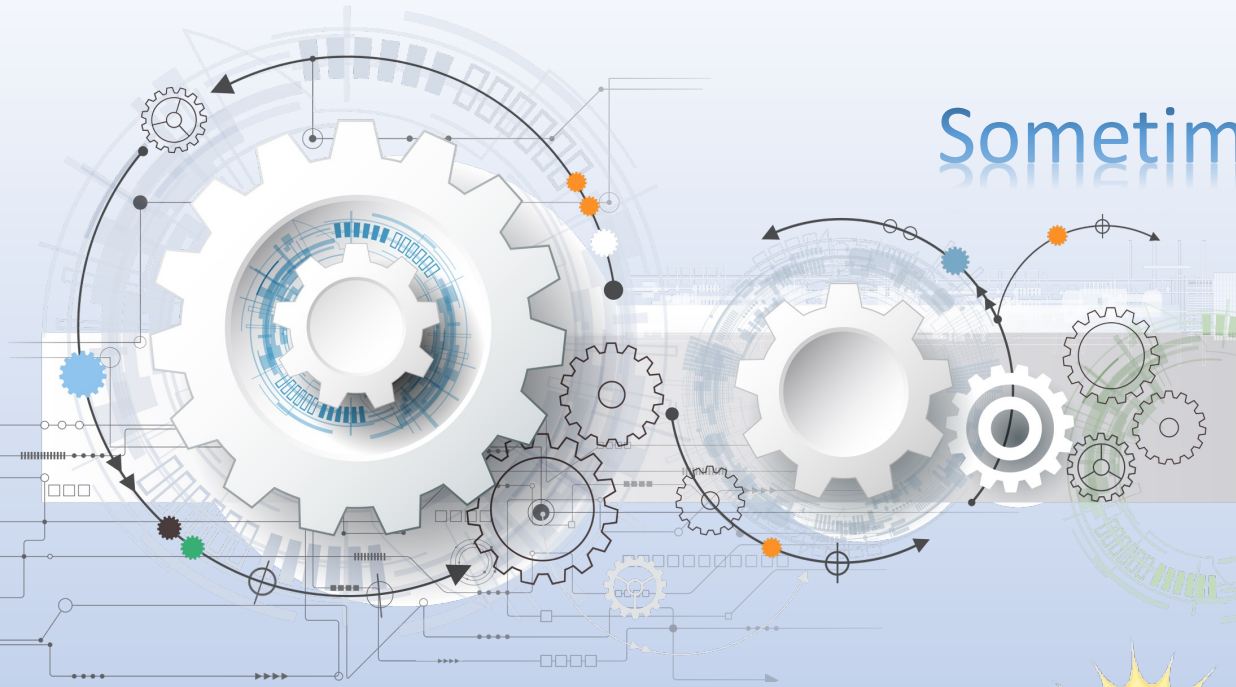
Project **EMILiA**
(*Energy Management for Isolated Lighting Appliances*) with
Chulalongkorn University, Thailand



*Under evaluation,
submitted July, 26th, 2022*

Sometimes it works... And
sometimes not!

(not yet!)



MELISSA

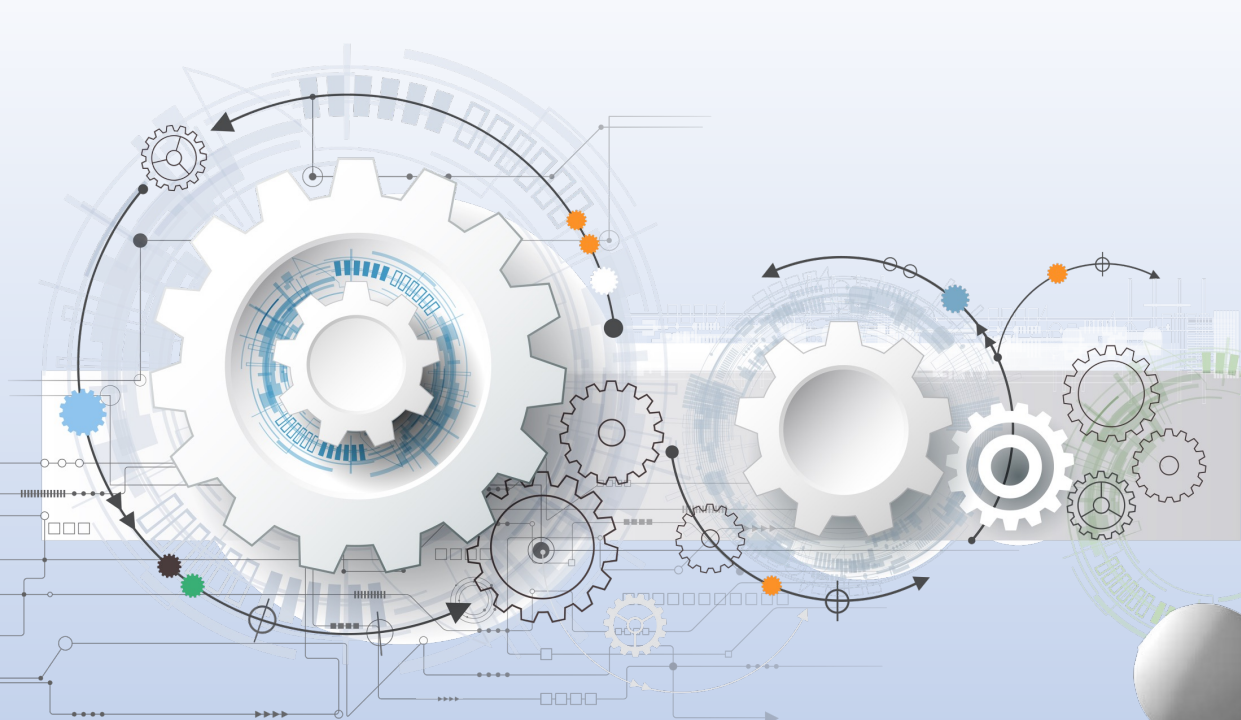
Mastering Efficient Lighting for a Smart and Sustainable Asia



SEENERGIAA

Sustainable and Efficient ENERGY for Isolated Areas in Africa



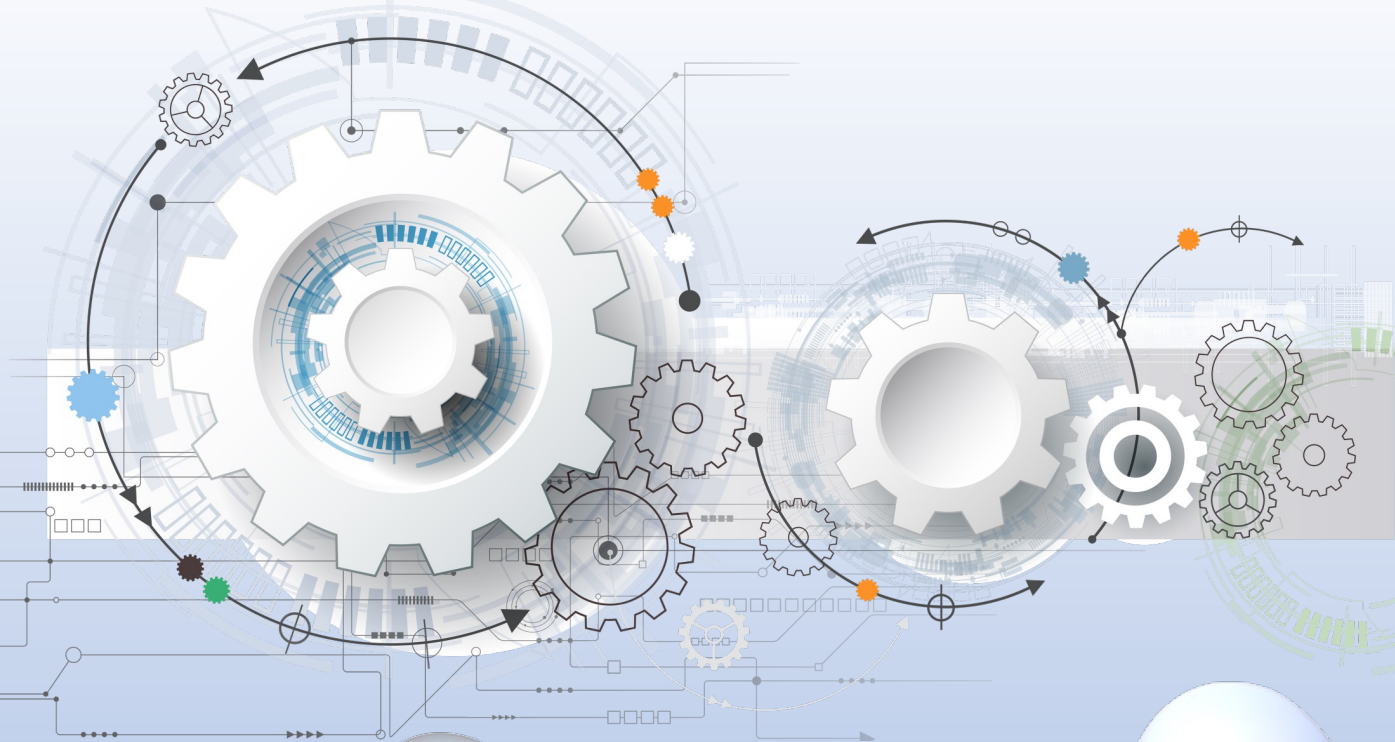


Good ideas leads to
nothing without a good partner!...

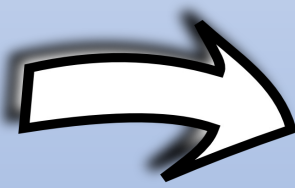


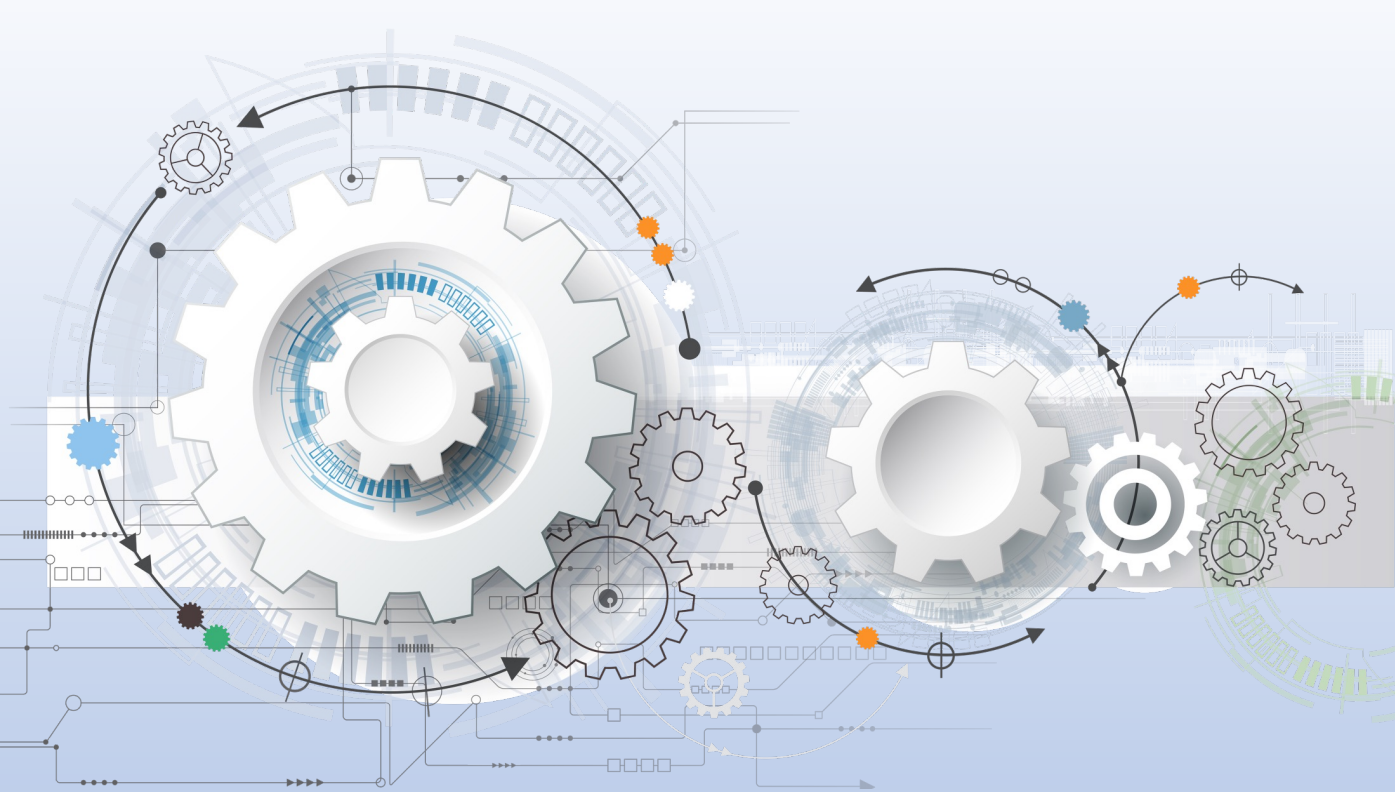
... and there is no good partner without a good
team behind him with Researchers and Students!





The opportunity?





The right partner
A good opportunity...
And a LOT OF WORK!

And a lot of coffee too!

Dissemination is also important

Le Laboratoire LAPLACE
vous invite à une conférence - débat
à suivre en visioconférence

Laplace

le samedi 20 novembre 2021 à 8h30

dans le cadre de la collaboration internationale PHC Maghreb "MELINA"
"Mastering Efficient Lighting In North Africa"
(Maîtrise de l'Éclairage Efficace en Afrique du Nord)

Éclairage et Lumière... Entre Bien-Être et Économie d'Énergie!

Débats et conférences animés par des chercheurs,
professeurs et doctorants, spécialistes internationaux des
sources de lumière artificielles
et des questions d'éclairage

Au programme :

- ✓ QU'EST-CE QUE LE PROGRAMME « MELINA » ?
- ✓ LES SOURCES DE LUMIÈRE ARTIFICIELLES, ÉVOLUTIONS ET RÉVOLUTIONS
- ✓ LES SOURCES DE LUMIÈRE EFFICACES ET LEUR UTILISATION
- ✓ LES LEDS ET LES OLEDS
- ✓ LES LEDS ET LA QUESTION DE L'ENVIRONNEMENT - POLLUTIONS ?
- ✓ LE FUTUR DE L'ÉCLAIRAGE « COMMUNICANT », « INTELLECTUEL »...



Novembre 2021

<https://www.laplace.univ-tlse.fr/MELINA>

UNIVERSITÉ ABDELMALEK ESSAADI
Faculté des Sciences de Tétouan

présente
dans le cadre du Partenariat Hubert Curien
"MELINA"
"Mastering Efficient Lighting In North Africa"
Maîtrise de l'Éclairage Efficace en Afrique du Nord

TABLE RONDE

Entre Bien-Être et Économie d'Énergie

« Les sources de lumière artificielle au Maghreb :
Passé, Présent, Futur... de la bougie à la LED. »

Le Samedi 25 septembre 2021 à 10h00
à la Faculté des Sciences de Tétouan

Au programme : débats et conférences animés par des
chercheurs, des professeurs et doctorants spécialistes des
sources de lumières artificielles et des questions d'éclairage

Thèmes abordés :

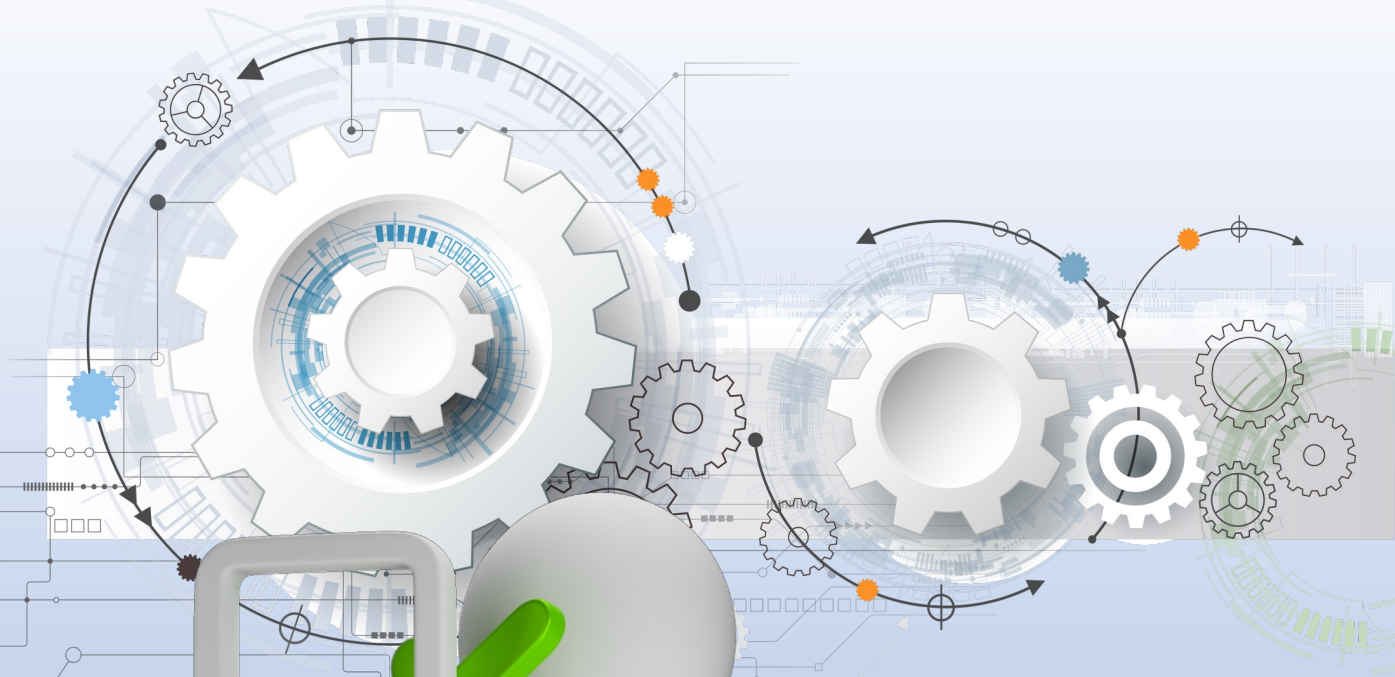
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- ✓ LE FUTUR DE L'ÉCLAIRAGE « COMMUNICANT », « INTELLECTUEL »...

Partenaires

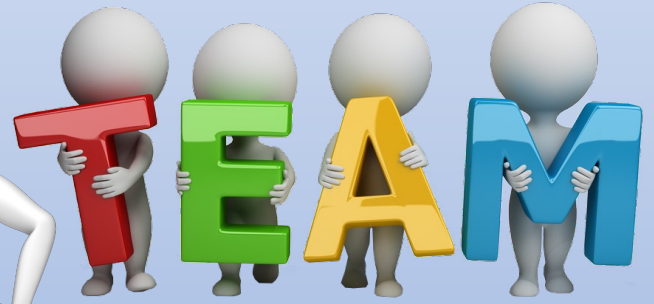
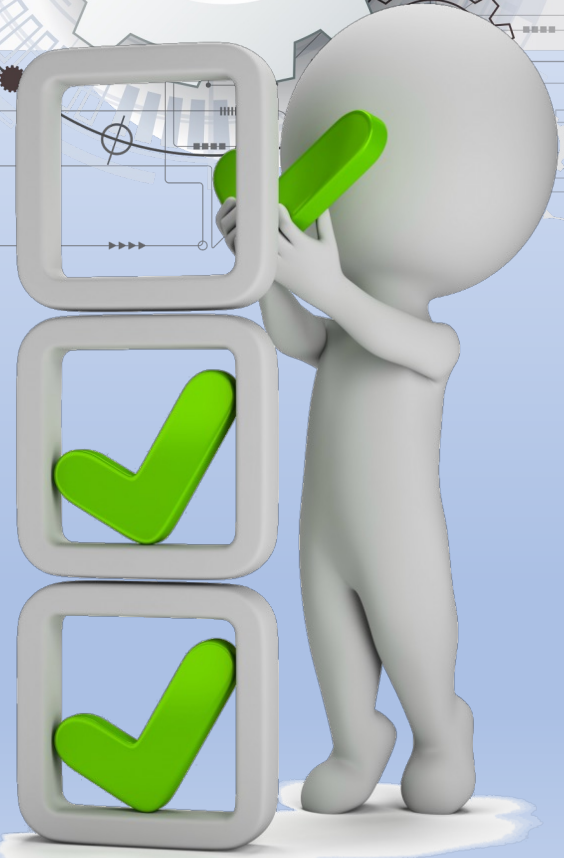


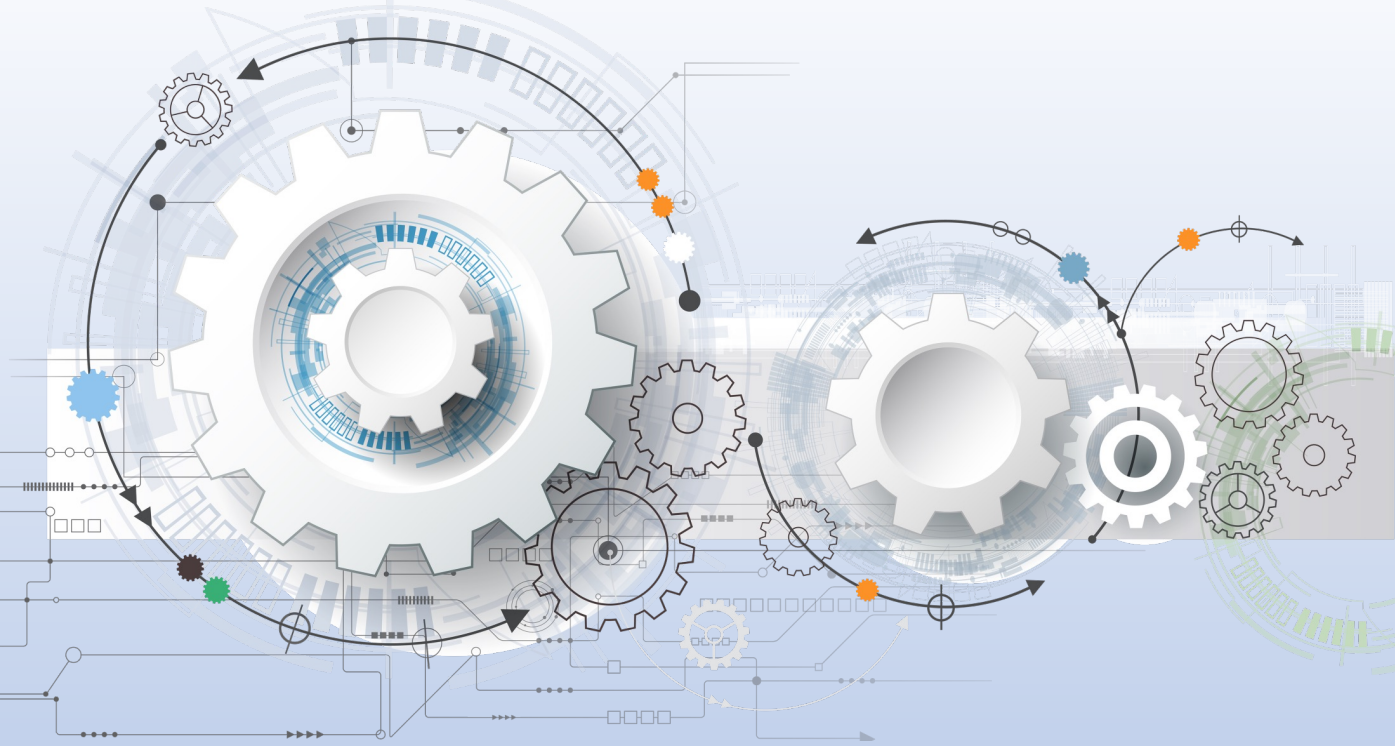
Septembre 2021



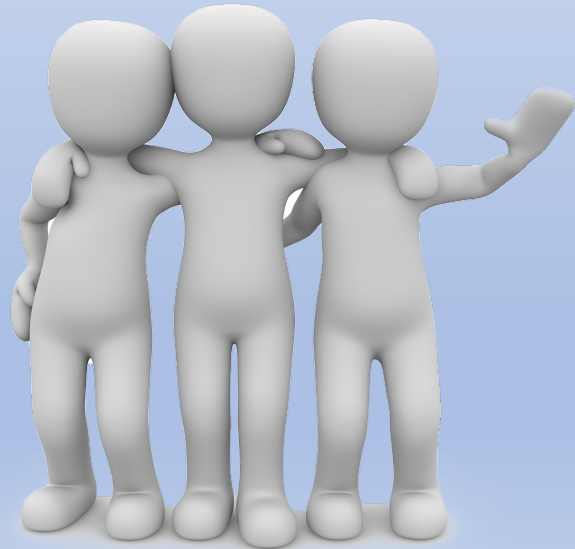


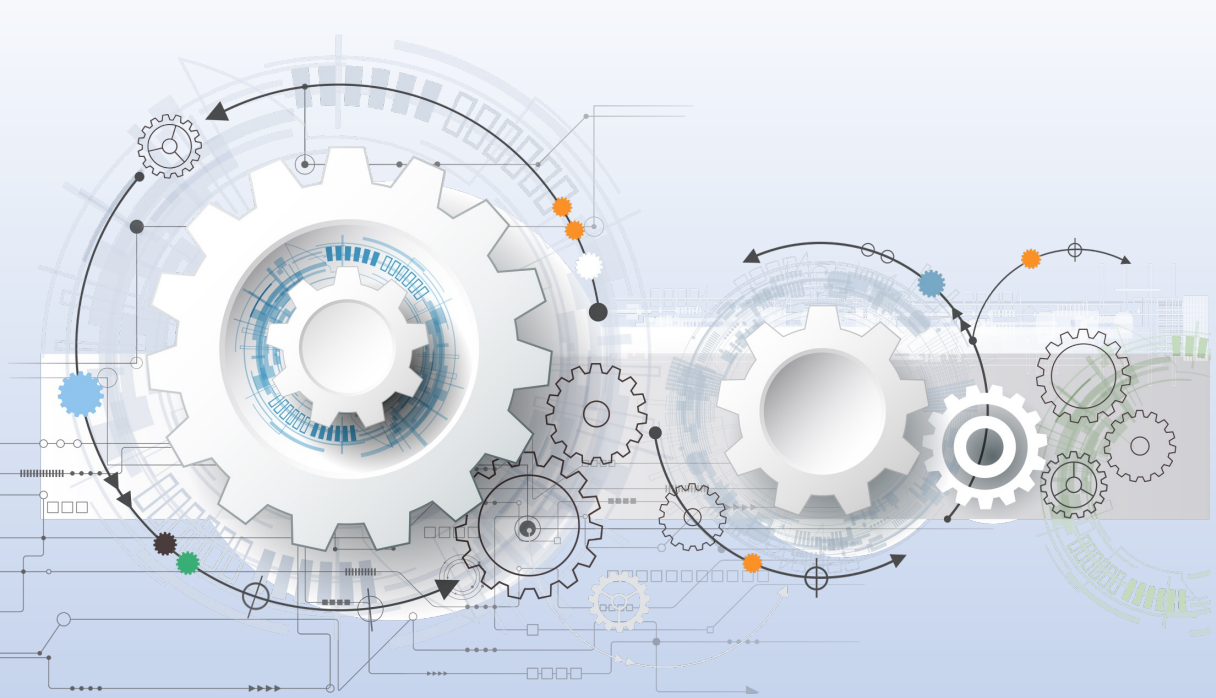
Project Management?





Project Management, are you sure?

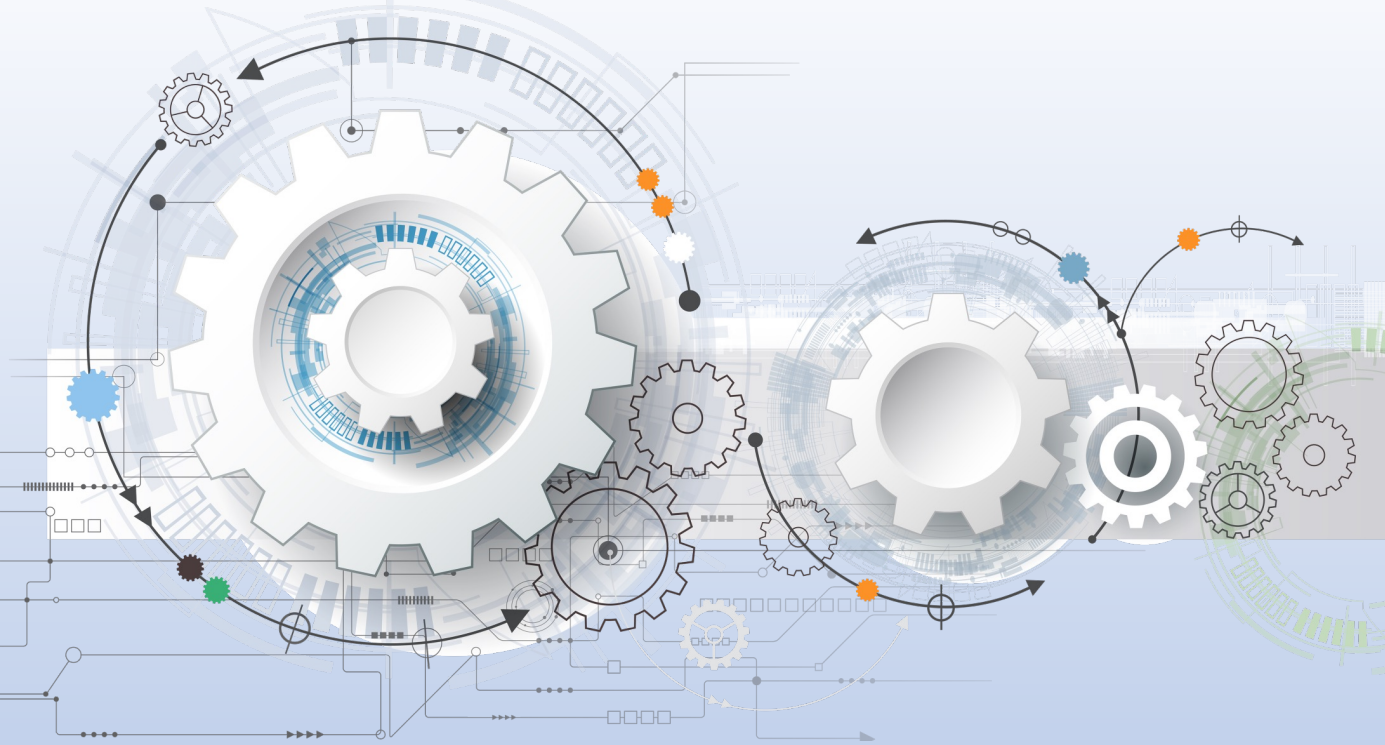




Project Management, are you sure?

When you trust in your partner,
When there is communications between all
When there is pleasure to be all together and to work
together...

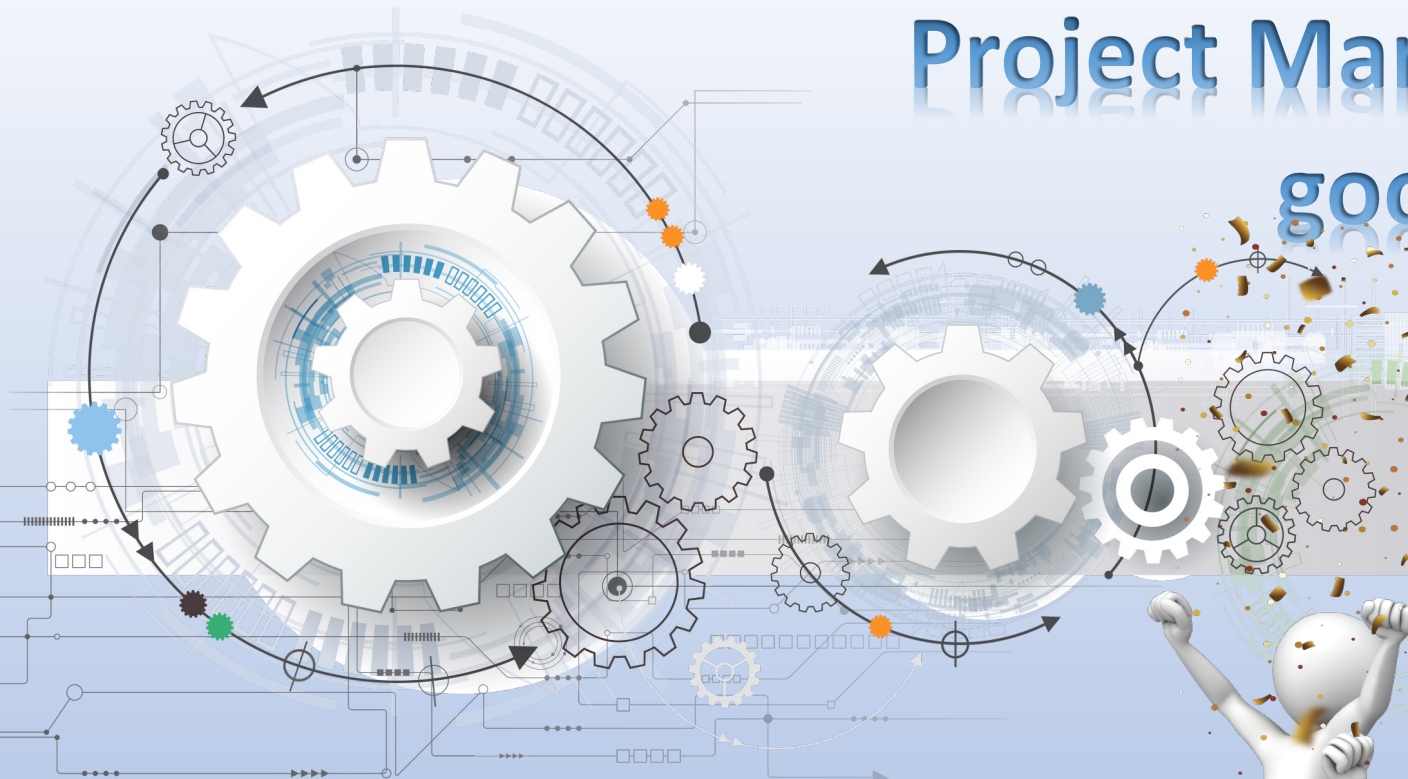
You don't need to manage the project... You must take care
of something more important than a project: **Friendship**



working efficiently
can be fun!



**Project Management is first of all a
good cohesion in the team
and the pleasure to
work together!**



Thank you

