

The background features a light purple-to-blue gradient. Scattered across the surface are numerous realistic water droplets of various sizes, some with highlights and shadows. A large, faint, light-colored circular graphic is centered behind the text.

GROUP SEMINARS

STERÉO TEAM

WHY DO WE ORGANIZE SEMINARS?

Improve your training!

Direct Input for your Personal Work:

- Distancing from everyday work
- Contextualization of your work
- Advice on your research, help at solving problems
- Preparing presentations outside of the groups (during congresses, Master or PhD defenses)

Development of Chemistry Skills:

- Re-working of chemistry fundamental knowledge (mechanisms, stereochemistry, analyses)
- Discovery of other research topics thank to the very diverse projects present in the group
- Discovery of current hot topics in chemistry...and of the its future!

WHY DO WE ORGANIZE SEMINARS?

□ Development of Professional Skills:

- Organization of worktime
- Organization of ideas
- Capacity of analysis and synthesis
- Communication skills (talk in public, answer questions)
- Use of Powerpoint and Chemdraw for the preparation of your presentations
- Communication while writing at the board
- Improvement of English proficiency
- Learning to be critical (in a positive way!) and to engage in productive debates

IMPORTANT ADVICE

- Attending the seminars is mandatory.
- Communicate! Look at the audience, try to keep it awake, to adapt your speech to its reactions.
- All your presentations should deliver a take-home message (something everybody will remember in the long term).
- Ask questions, exchange ideas.
- Have fun!
- For the permanent staff: be more attentive, positive and improve our feedback (on the chemistry and on the communication).*

EVOLUTIONS IN THE ORGANIZATION

- Exercise sessions** separated from the other seminars and carried out only in the presence of 2 or 3 permanents.
- Increase of the frequency of **Progress** presentation and **RCC's**.
- Change in the timing of long presentations (**Work** and **Bibliography**), to place them at the best moment of your stay in the team.
- New organization starting in *March*.
- Improvement of the seminars' visibility on our website.

EXERCISE SESSIONS

- Seminar with only exercises, once per month.
- All the students with only two or three permanent researchers to supervise.
- Three students preparing the exercises and animating the session (30 minutes each).
- Exercises centered on one topic and proceeding with an increasing difficulty (from fundamental knowledge to more tricky questions).
- Not sent in advance (only the topic is known), but controlled by a permanent before the session.
- During the session: teamwork in small groups, followed by a collective correction.
- Corrections sent by the organizers after the session.
- Topics could last over several sessions (reaction types, reactivity of functions...) to develop in-depth knowledge.
- First session organized by the permanent staff.

PROGRESS PRESENTATIONS

- 10 minutes of presentation at the board + questions (as many as you want!).
- Presentation of your current labwork.
- Organize your time between writing and speaking.
- Organize the board (no wiping allowed!).
- Not everything you have done: select pertinent information (interesting results, difficulties)!
- Organized more often so that you do not have to re-explain your general project every time.

WORK PRESENTATIONS

- Longer presentations (see below) with Powerpoint slides.
- With the aim to provide a full picture of your work.
- For Master students and exchange students:
 - At the end of your stay to prepare your defense (special **Master seminar** in June), 12 minutes + questions.
- For PhD students:
 - After one or two months (**Past, Present and Future presentation**): Master work and presentation of PhD project with bibliography, 30 minutes + questions.
 - At the middle of the second year (April, May) before the presentation in front of the doctoral school (**Half-thesis presentation**): 30 minutes + questions.
- For Post-docs:
 - After one or two months (**Past, Present and Future presentation**): PhD work and presentation of post-doc project with bibliography, 30-40 minutes + questions.
 - At the end of the stay (**Farewell presentation**): 20-30 minutes + questions.

RCC (RÉACTION COUP DE COEUR = HEARTSTOPPER REACTION)

- 10 minutes of presentation with Powerpoint slides (limited to 8 slides) + questions.
- Presentation of a recent (or not) publication from the literature.
- Contextualization (chemistry was not invented yesterday!) , general concept and important features (not too many details).
- Could exceptionally be connected to your PhD work (very important paper on your topic) but preferentially on another topic.
- Try to be critical if you see imperfections in the publication.
- Presentation ending with a take-home message (what do we learn for our work and/or for chemistry in general?).

BIBLIOGRAPHY

- 30-40 minutes of presentation with Powerpoint slides + questions.
- Contextualization, general concept and critical organization (no never-ending lists of reactions).
- Not connected to your PhD work (be curious!).
- Presentation ending with a take-home message (what do we learn for our work and/or for chemistry in general?).
- For PhD students:
 - End of first year (May, June, September): **Fundamental knowledge Bibliography**
 - Transition between second and third year (September, October): **Cutting-edge research Bibliography**