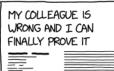
#### **EPFL**

#### TYPES OF SCIENTIFIC PAPER







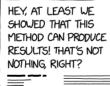












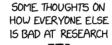


CHECK OUT THIS WEIRD
THING ONE OF US SAW
WHILE OUT FOR A WALK



#### WE ARE 500 SCIENTISTS AND HERE'S WHAT WE'VE BEEN UP TO FOR THE LAST IO YEARS





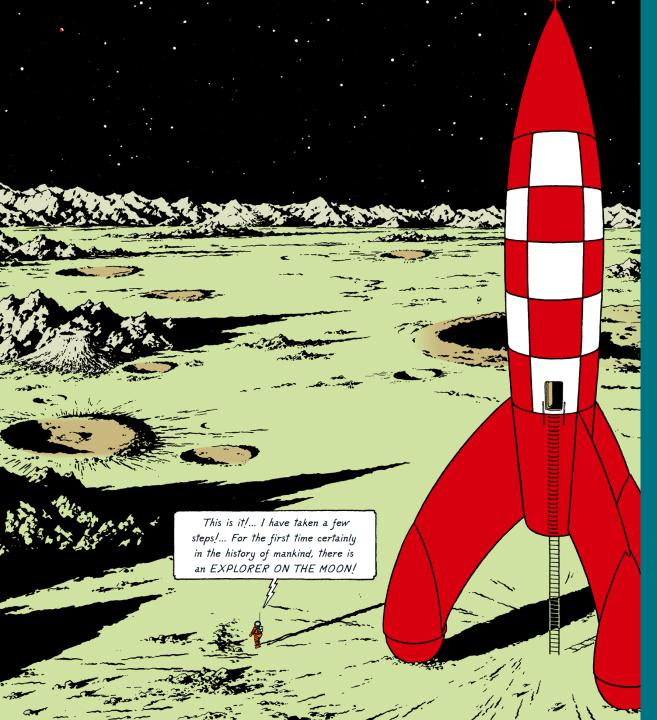
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# Crash course on Scientific Writing

- Contents needed for this course
- General guidelines on writing a good paper

Source: https://xkcd.com/2456



WEEKLY

# **Space News**

Launches

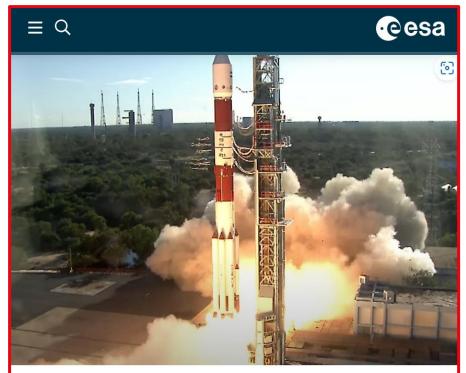
**Innovations** 

Research

**Events** 

And more...





**ENABLING & SUPPORT** 

## Eclipse-making double satellite Proba-3 enters orbit

05/12/2024 13663 VIEWS 63 LIKES

ESA - Eclipse-making double satellite Proba-3 enters orbit



#### **EPFL**

#### TYPES OF SCIENTIFIC PAPER



HEY, I FOUND A TROVE OF OLD RECORDS! THEY DON'T TURN OUT TO BE PARTICULARLY USEFUL, BUT STILL, COOL!



MY COLLEAGUE IS
WRONG AND I CAN
FINALLY PROVE IT



THE IMMUNE SYSTEM
IS AT IT AGAIN



WE FIGURED OUT HOW TO MAKE THIS EXOTIC MATERIAL, SO EMAIL US IF YOU NEED SOME



WHAT ARE FISH EVEN
DOING DOWN THERE



HEY, AT LEAST WE SHOWED THAT THIS METHOD CAN PRODUCE RESULTS! THAT'S NOT NOTHING, RIGHT?



CHECK OUT THIS WEIRD THING ONE OF US SAW WHILE OUT FOR A WALK



WE ARE 500 SCIENTISTS AND HERE'S WHAT WE'VE BEEN UP TO FOR THE LAST IO YEARS



SOME THOUGHTS ON HOW EVERYONE ELSE IS BAD AT RESEARCH



WE SCANNED SOME UNDERGRADUATES



# **Crash course on Scientific Writing**

Source: https://xkcd.com/2456



All the content items should be in the paper

But, if written in this exact order, you are writing a report.

Scientific paper is structured differently...

				Gr	ade		
Topic	Expected corent	1	2	3	4	5 Gost Mission and Obsertions) are SMART and	6
Mission statement (weight = 10%)	Goal(s), Mission and (Science) Objectives	Go Mission and Objective(s) are not me oned	Goal, Mission and Objective(s) are very vague or unclear	Goal, Mission and Objective(s) are mentioned but are not SMART	Goal, Mission and Objective(s) are SMART	Goal indicates the overall ambitions, the Mission details how these ambitions will be met and the main (and secondary) Objective(s) show what should be done for the mission.	from customer requirements and from iterat findings. Efforts have been made to show he the goal, mission and objectives compare to other shrillar missions.  The students show a simple shakeholder yet
	Stakeholders	No ention is made of stakeholders	A vague mention of stakeholders is made	Some stakeholders are mentioned, but not the most important ones, or not in an extensive way	The key stakeholders and actors are summarised and their interest in the mission is explained	The key stakeholders and actors are listed, and their needs are well distinguished from one another and flow down into the requirements.	The students show a simple stakeholder valinetwork (SVN) to indicate the interactions between stakeholders. This can be done through a small Hub & Spoke Diagram or in text format.
Mission design (weight = 10%)	CONOPS	CC DPS is not mentioned	CONOPS is unclear or vaguely discussed	Only some aspects of the CONOPS are mentioned. The project timeline is clearly shown but does	The CONOPS is discussed, with a list of key elements of the mission (e.g. duration, 'phases, trajectory and orbit, bunch vehicle, launch windows etc.)	that the mission is well designed and understood. The CONOPS follows well from the Mission Statement. The different mission phases are well explained along with their main activities and driving design constraints.	The students make an effort to make the CONOPS visually easy to understand, witho overcrowding the infographic. The students make the links with the stakeholders and actors.
	Project Timeline	The reject timeline is not discussed	The project timeline is unclear or not well thought-through.  The system modes are poorly described (e.g., hey do not flow down from the CONOPS, their	The project timeline is clearly shown but does not make the link with any of the system engineering phases (Phases 0-A to E) discussed in class	A clear project timeline is given, from the earliest design phase to the end of life	The project timeline is achievable and realistic. Where needed, links are made with the risk assessment. The system modes are detailed enough to indicate what design aspects they drive, in	The students look beyond the current project timfine and give an indication on extension of follow-up projects
	System modes End-of-Life (EOL)	No DL considerations were made or	design implications are not given)	The modes are given but the link with the CONOPs is unclear.	The system modes are given in relation to the CONOPS	Indicate what design aspects they drive, in terms of (sub)system or componenent design The EOL strategy follows from a tradeoff between technical considerations and sustainable guidelines	The students show that the system modes a used to define and update the budgets. The students highlight what the technical limplications, risks and sustainability.
	Strategy Functionality analysis	dis ased The unctionality analysis is not mentioned	The EOL is not clearly shown.  A vague functionality analysis is shown or mentioned	The EOL considerations are included  The functionality analysis of the space mission has been presented clearly.	The EOL strategy is logical and feasible  The discussed mission's functionality follow from the Mission Statement		used to befine and update fire dougles. The students highlight what the technical implications, risks and sustainability advantages are of the chosen ECL strategy. Special care has been put into explaining the reasoning behind certain functions, linking them with the CONOPS, customer requirements or other relevant aspects.
	Mission requirements		Some key requirements are mentioned, but they are not formulated in the correct way or clearly lack a reasonning	The key requirements are given and are mentioned. They are written in the corect way (i.e. using the verb "shall", and using an ID)	The key requirements are SMART. The link with the functional breakdown is clear. A good reasoning for them is shown.	The mission's functionalities flow from an eadersive functional breakdown Relations between key high-level and lower-level requirements are shown. The students show a good reflection of the requirements. That is, the students highlight the requirements which drive the design the most and their associated risks are discussed if relevant	The selections of key requirements shown in the paper is logical and aids to answer the paper's research question. The paper provide insight into what the other (not shown) requirements pertain to and where needed, how they affected the design.
Systems engineering (weight = 15%)	Mission constraints and limitations (environment)	Million constraints and limitations are not dis used	Avery vague discussion of mission constraints due to the spacecraft's environment is given	Key mission constraints and limitations are given and limited to the spacecraft's environments	Clear research on the spacecraft environments throughout is life cycle has been shown. The essential mission constraints and limitations have been distilled from them.	The listed mission constraints and limitations flow into the requirements and the risks.	The students make it clear how the en vironmental constraints are adressed in the mission design.
(waight = 15%)	Mission sucess criteria and measures of success	No scoess offeria or measures of success are	Unclear what the mission success criteria are or how the success is to be measured.	Mission success criteria are clearly mentioned and logical		The mission success criteria are clearly reflected in the requirements	The mission success criteria and measures success are clearly mapped onto the CONOPS. That is, they are linked with the mission phases. Secondary mission success criteria are give to case the primary ones cannot be mat.
	Verification and Validation	No SV plan is presented	V8V is mentionned but not link to the requirements	V&V is mentionned and performed without any update of requirements	Mission success criteria and measures of success are SWART and logical V&V plan is presented and performed for each requirements and flowed down to the subsystem. Requirements have been updated to be verifiable.  An analysis is done of the most important interfaces between subsystems. The way each	V&V plan is performed and also the associated	V&V plan is performed and the impact in the engineering models/ Qualification models philosophie as well as impact on developem
	Interface analysis	No terface analysis is done	A vague or rushed interface analysis is shown	The interfaces of few subsystems are analysed	interfaces between subsystems. The way each subsystem	interfaces are discussed.	It is clearly shown that requirements have be derived from the interface analysis and how they influenced the design.
	Alternative conceptual solutions	No ternative conceptual solutions are oned	One or more alternative conceptual solution(s) are presented. No relevant detail is given on them or they are only quickly mentioned.	One or more alternative conceptual designs are mentioned. Sufficient information is given on them to support the final mission concept choice	It is clear that a trade-off was performed between each conceptual solutions, using at least one of the trade off methodologies given in the lectures.	The atternative conceptual solution(s) is (are) presented with pretininary implications for budgets and mission duration. The trade-off was clear, using amongst others quantifiable parameters that are relevant for the chosen mission.	A preliminary, yet more detailed, study of one of the most promising attensive conceptual solutions is shown. The tradeoff between this alternative concept and the chosen concept has also been further detailed.
Mission Architecture (weight = 10%)	Budgets	No udgets have been shown or mentioned	Some budgets have been show without further explanations	Budgets have been shown, but they are not quantified well	The most relevant budget has been shown and is well quantified.	More than one relevant budget breakdowns are given, showing how the budget was computed. The breakdown is logical and based on research	The budgets are linked to the overall system engineering process (requirements, etc.). So budget margins are shown and discussed. The technical implications of the most critical budgets are mensioned. A detailed analysis is done for the most critical budgets are mensioned.
	Risk assessment	No. ik assessments have been made	A vague risk asessment has been done	A clear risk assessment has been made	The risk assessment is well-explained and uses a system engineering methodology with clear legends for symbols and/or colours.	The fisk assesment methodology is chosen wisely, ensuring that the most mission-ending risks stand out. Miligation are proposed for the most critical risks.	guages are mentiones. A detailed analysis is done for the most criticists. The new level of risk after the mitigation are applied is discussed and it is shown how the mitigations affect the Mission Design. Moreover, it is clear that the students review and improved the risk assessment from the previous presentation, if applicable.
	Payload components	No ayloads have been mentioned	Some payloads have been mentioned in a very vague and unclear way	The types of payloads needed for the mission and how they will fill the mission's functions are presented	The types of payloads needed and specifics on some of the payload types is given (e.g. some comparisons with existing payloads, some requirements, etc)	Budgets for key payloads are given. Where possible, some comparable payloads are used as a source of information	their choice of payloads. They indicate which ones are the most important, which ones are
	Spacecraft configuration	No fort is made to show a breakdown of the spectraft.	A vague breakdown of the spacecraft is provided with no dimensioning.	A system breakdown is given partially or without much details. No effort is made to size any elements.	A system breakdown is provided in a ted form or in the form of a small graphic, indicating the spacecrafts configurations throughout its mission. An initial volumetric sizing is done to ensure that all supplystems it within the spacecraft.	The system breakdown is clearly linked to the CONOPS, showing how the configurations or functions change per mission phase. It is visually shown that the susbay stems and mechanisms would it within the various constraints (e.g. through 2D sketches).	available as Cur's order and several s
	EPS	No formation on the spacecraft's EPS is given	Only some information on the spacecraft's EPS is given	The information provided on the EPS is vague or is missing key elements	All relevant information on the EPS is discussed. Most are detailed.	The EPS is sized and the relevant characteristics are highlighted following a more detailed analysis. The subsystem is compliant to the (high-level) requirements.	It is clear that the EPS subsystem was it is clear that the EPS subsystem was it could upon. The students dive into detail some more elevant elements for the mission. The key drivers for the subsystem design as clear and the most evident single-point of failures are highlighted.
Baseline	Thermal subsystem	No formation on the spacecraff's thermal sur- sur-stem is given	Only some information on the spacecraft's thermal subsystem is given	The information provided on the thermal subsystem is vague or is missing key elements.	All relevant information on the thermal subsystem is discussed. Most are detailed.	The thermal subsystem is sized and the relevant characteristics are highlighted following a more detailed analysis. The subsystem is compliant to the (high-level) requirements.	Talluses are ingrigned. It is clear hat the thermal susbeyeten was iterated upon. The students dive into detail is some more relevant elements for the mission. The key drivers for the subsystem design as clear and the most evident single-point of failuses are highlighted and the most evident single-point of failuses are highlighted.
Design (weight = 35%)	Propulsion and AOCS	No formation on the spacecraft's propulsion and JOCS is given	Only some information on the spacecraft's propulsion and AOCS is given	The information provided on the propulsion and AOCS is vague or is missing key elements	All relevant information on the propulsion and AOCS is discussed. Most are detailed.	The propulsion and AOCS subsystem is sized and the relevant characteristics are highlighted following a more detailed analysis. The subsystem is compliant to the (high-level) requirements.	susbsystem was iterated upon. The students dive into detail on some more relevant elements for the mission. The key divers for the subsystem design are clear and the mos evident single-point of failures are highlighte
	CDH (Command and Data Handling)	No formation on the spacecraft's CDH is	Only some information on the spececraft's CDH subystem is given	The information provided on the CDH sureysten is vegue or is missing key elements	All relevant information on the CDH is discussed. Most are detailed.	The CDH subsystem is sized and the relevant characteristics are highlighted following a more detailed analysis. The subsystem is compliant to the (high-level) requirements.	angle-point of falsives are highlighted.  Its clear first the proposition and ADCIS studies where the proposition and ADCIS studies where the proposition and a proposition and the proposition and the proposition design are clear and the now the proposition design are clear and the now the proposition design are clear and the now the proposition design are clear and the proposition an
	Spacecraft's and launcher's structure and mechanisms	No. Fort is made to show the structure or me anism characteristics	The students only provide a vague description of the structure and mechanisms	Some aspects of the structure and mechanisms are detailed.	The key aspects of the structural components and mechanisms of the spacecraft and interface between the launcher and the spacecraft(s) are discussed	The key design drivers behind the spacecraff's and launcher's structure and mechanisms. These are linked with requirements	The students go in detail on some relevant aspects of the spacecraft's structure and mechanisms, including single points of failur Where logical, students highlight risks and is mitigations.  The students point don't on the effect of the
	Launch Segment	No fort is made to discuss the launch see ant	The students only provide a vague description of the launch segment	Some aspects of the launch segment are detailed	The brunch segment is discussed in sufficient detail	The key requirements for the launch segment are discussed, along with the requirements for the spacecraft due to the launch system (launcher and ground facilities)	aspects of the spacecrafts shuture and mechanism, including single points of falser Where logical, students highlight sides and a mitigations. The students go in depth on the effect of the launch segment choice for the spacecraft. Some of the diving aspects are discussed a it is shawn how the is taken in account in in all sides and the limit the sides are supported and the students of the students of the shall print out presents.
	Telecom and Ground Segment	No fort is made to discuss the ground hent	The students only provide a vague description of the ground segment	Some aspects of the ground segment are detailed	The ground segment is discussed in sufficient detail	The key design drivers for the ground segment are discussed and linked with requirements	and ground station requirements based on calculations and literature. It is clear that so
Writing skills (weight = 20%)	Structure and content	The paper is not subdivided in any sections, growiding no structure to the last.	Not all elements of a hysical shudure of an academic paper an visible	Only the abstract, Production and conclusion are clearly indicated. There is no structure given to the content of the work (e.g. the towns of the content of	All the basic elements of a typical academic paper are provided. Depending on the topic of content (structure) as depending on the topic of content (structure) as deterred legistal in e.g., littles ture review, methodology and resident conditions and face work, proposed to the basic princip, as none narrow discountion on the large content (structure) and content on the large content of the discounting of the	The aim importance and novelly of the research is does and the conclusions are logical. The control is subject to good and in the control is subject to good and including sub-sectional for the subject of the paper is inforciously conclusion in the introduction and any the subject of the control introduced briefly all the start of sale described.	The set in settler loquicity in principal principal filters is just in design from conjugate, filters in position of septimes and in a conjugate in the principal filters in position of the principal filters in a quely glavar and residence of the low confusion of the confusion of the principal filters in a quely principal filters in a quely and principal filters in a quely confusion. The principal filters in the most described in the filter of the principal filters in the confusion of
	Respect of scientific paper guidelines	The paper does not follow any scientific witting guidelines	Not all paper guidelines are respected	Most guidelines are respected, but they are applied inconsistently throughout the paper	The general guidelines for the paper are respected throughout the paper. The page limit is respected.	substitution of a soution is stronoused briefly at the start of fast section.  Particular start of fast section.  Particular startiction is put into the figures and table start of fast sections. They are residuide without needing according in or using reading seates of a late fast contact for the paper's but glosses (or i. a fact section of the paper's but the figures and states on their one paper's fact substitution of the substitution of the paper's soution of the substitution of the substitution of the substitution of contact sections of the substitution of contact sections of page 1 and page 2 and page 3	The students put effort in making their figure accessible to all. This includes, where possible to use grayscale colours or colours of differe brightnesses, use of symbols (with as social) legends) and amoutations. If evaluations are used: all prohibits are
	Citations			Sources are included but their formatting is either inconsistent, or do not allow one to find	Sufficient sources are included to support the	Some sources are recent. Some articles cited are peer-reviewd. Some websites cited are peer-reviewd. Some websites cited are credible. It is clear when statements are paraphrased or direct quotation. Quotations makes are used for direct quotations, while rephrasing of the conginal quote is done when paraphrasing. In each case, the source is provided.	explained and the formulas are presented to leastly.  Most sources are excent (within the last 10 years) and up to date. When URL (not DOI links) are added, the date of last access is mentioned.  All websits used as sources are authorisative properties and authorisative properties of present as excellent and the properties of the properties are actional or as south in the toot.  Most sources are poer-enviewed articles.
	Citations and quality of sources	The paper does not include any sources	Sources are included, but some do not support the statements for which they are cited	either inconsistent, or do not allow one to find the orginal source material	Sufficient sources are included to support the statements in the paper. The formatting of the bibliography is consistent access sources.	original quote is done when paraphrasing. In each case, the source is provided.	as such in the text Most sources are peer-reviewed articles
			The grade is calculated by re	ounding to the nearest quarter the out-	come of the following formula:		

Grading Rubric for the Final Paper

It is difficult to get a grade of 6/6 for each item. They are ment to indicate exceptional work

Think wisely where you put in most effort

The grade is calculated by rounding to the nearest quarter the outcome of the following formula:

() Mission statement) \* 0 10 + Aug Mission design > 0.10 + Aug Systems Engineering > 0.15 + Aug Mission Architecture | \*0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.10 + Aug Baseline Design > 0.35 + Grade (Scientific Willing Statement) \* 0.35 + Grade (Scient

### **Typical paper structure**

How do you read a paper when you have little time?

Think about what this means for your paper!

- The abstract should be stand-alone and to-the-point
- The introduction should be clear
- The conclusion should enable you to understand the contents.

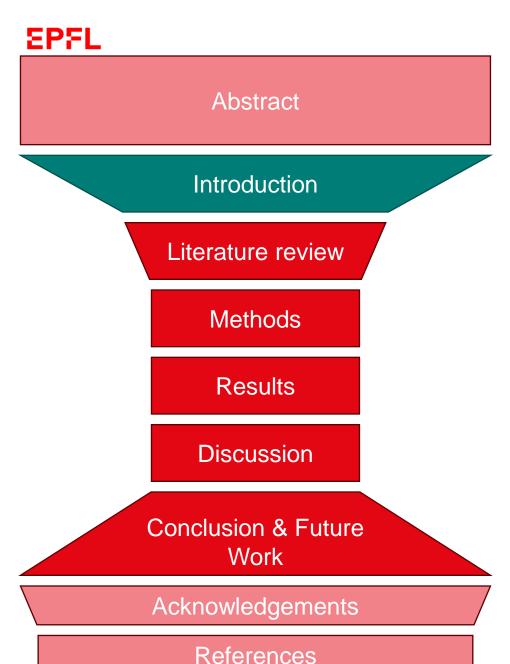
### **Typical paper structure**

- Goal: Explain what the paper is about and show important results
- Content: All sections (more or less) very concisely and precisely (with numbers if possible)
- Should be understandable on its own

Core of the paper.

Let's discuss this in more detail...

- To indicate any financial supports (to show that it does (not) influence the research conclusions)
- To thank stakeholders or co-researchers





research was focused on [...]"

- Reason for the research
  - Background information
  - Problem
  - Importance
- Aim of the research
  - Main question
  - Procedure
- Description of the paper's structure

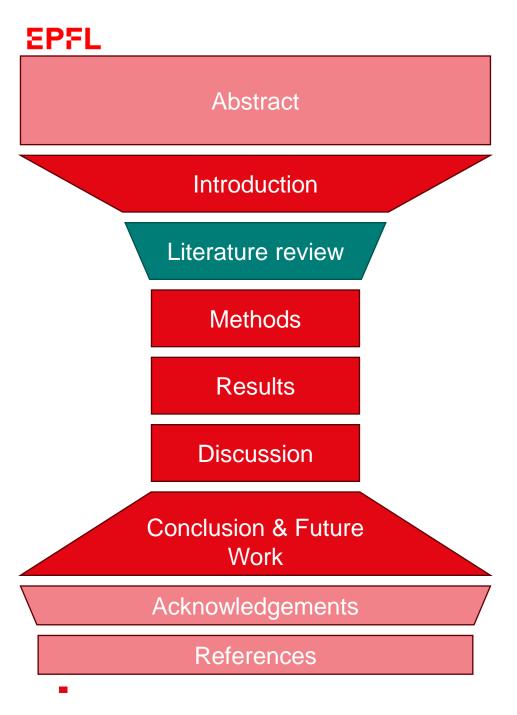
"It remains unclear why · [...]"

"In the past decade, much

"The purpose of this study is to [...]"

"To do this, a preliminary system engineering approach was followed, focusing on [...]

"This paper discusses [...] in the first section, followed by [...] in the second section"





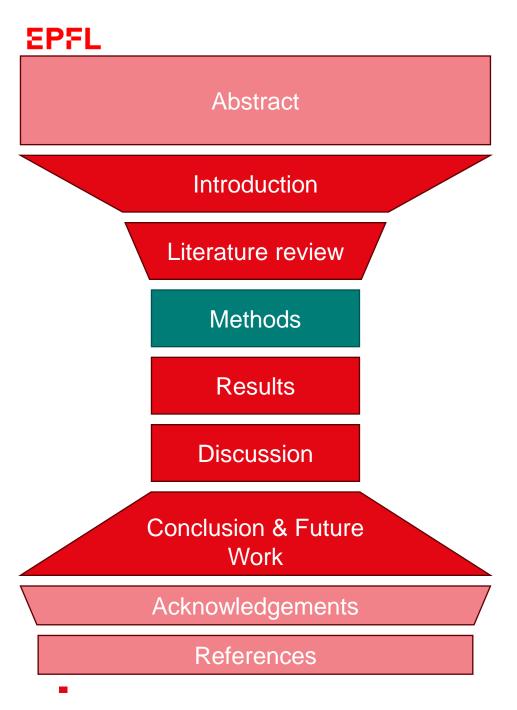
- Highlight the past work on the subject
- Inform the reader on what is already known and (more importantly) what knowledge gaps still exist
- Opportunity to further make the case for your paper

#### Tips:

- Cite recent work (at most 10 years old) to stay relevant
- Paraphrase and combine sources where possible

#### Important:

- Do not copy-paste words, findings, figures, tables!
- This is plagiarism
- If paraphrasing or modification if not possible: indicate where you got it from (quotation marks, mention from which source a figure was modified, etc)





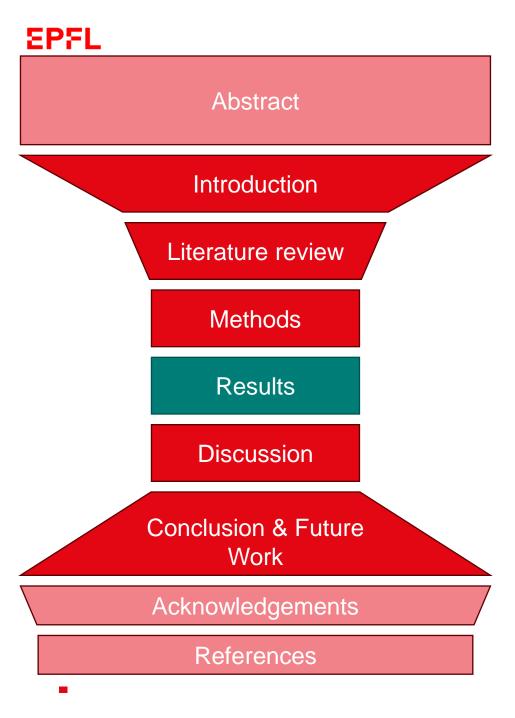
- Discuss the process of data collection and calculations
- Inform on how the data analysis or any calculation was done
- If any stakeholders are involved (for data collection etc), mention them

"The data used for this study were collected from [...]"

"Following the initial calculation methodology"
by [...], it was found that iterations were needed for [...]"

#### Tips:

- Do not show any results here already
- You may mention any iterations you needed to do after your first calculations

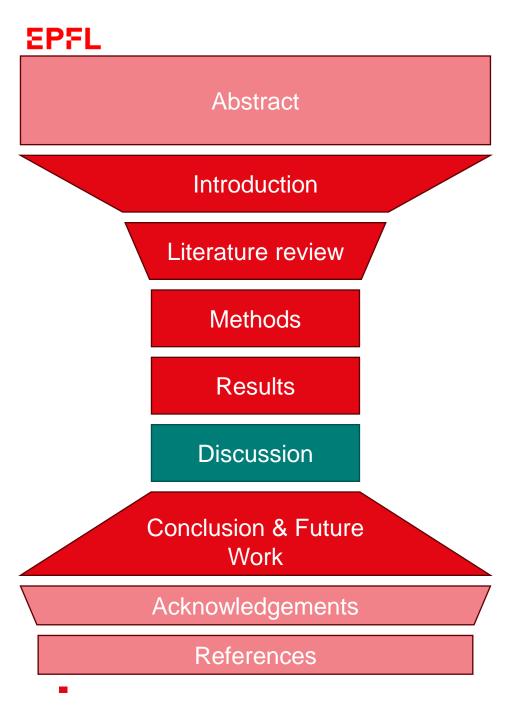


### WHAT?

- Show the results concisely and clearly
- Be as factual as possible
- Include figures or tables where useful.
- Describe your results

#### Tips:

- The results should flow logically from the methodology discussed in the section above
- It is tempting to begin discussing the results in this section already, however: keep that as much as possible for the discussion! This helps with the reading experience (for a reader with little time)
- A figure often conveys more than a 1000 words ever could...
- Avoid repetitions: no need to re-explain the methodology for example.



### WHAT?

- This is the place to hone in on interesting results
- Highlight any unusual finding or underline the aspects you find most relevant
- Possibility to compare findings with that of other research (see literature review)
- Discuss any limitation of the research

"The results shown above are particularly relevant for [...] because [...]"

"The reader should note that the above results are in stark contrast with literature, which can be explained by [...]"

"The findings shown in the section above highlight the necessity for more work because [...]"

#### Tips:

- This section is really for you to play with!
- Contents are highly dependent on the paper's subject and results.

### SO WHAT?

- Provide an answer to the research question
- Describe what next actions (if any) should be taken to further the research
- Open up the discussion and bring it back into the bigger context

"This paper discussed [...] in order to fill the gap in knowledge on [...]"

"It was shown that [..]"

"Most notably, this aspect of the results stands out because [...]"

"This research adds to the ongoing work to [...]"

"More work must be done in the field of [...] to [...]"

#### Important:

- Conclusion should be understandable on its own
- It should follow directly from previous sections → NO NEW INFORMATION!
- Be as accurate as possible: add key numbers etc

## How to write it efficiently?

- Prepare everything (results, tables, figures etc)
- Start from the contents (methods, results, discussion)
- Then, move to the introduction and conclusions
- In the meantime: Abstract can be drafted
- Check your references at the end.

Key tip from former teacher of this course:

 Do not be a perfectionist! Just write, then edit.



	GRADE	1	2	3	4	5	6
Scientific Writing skills (weight = 20%)	Structure and content	is not subdivided in any	a typical structure of an academic	indicated. There is no structure given to the content of the work (e.g. the methodology and results) or	All the basic elements of a typical academic paper are provided. Depending on the topic of the paper, these are: the abstract, introduction, content (structured as deemed logical in e.g. literature review, methodology and results), discussion, conclusion and future work. The paper clearly goes from a broad perspective at the beginning, to a more narrow discussion on the topic of the research, followed by a broadening of the discussion again at the end.	is clear and the conclusions are logical. The content is structured logically, with all the necessary sections and including sub-sections fo better readability. The structure of the paper is introduced concisely	The text is split up logically in paragraphs. Efforts is put into clearly indicating the contents of the paragraph through its first sentence. The readers can thus know at a quick glance what to expect in each paragraph.  Titles of subsections are chosen to speed up the clearly indicate the contents in order to speed up the reading.  The Abstract can be read as a completely standalone text, including a brief summary of the introduction, the paper's content and conclusions. If relevant, the most essential paper's conclusions are quantified in the abstract. For readers with little time, the introduction and the conclusions should provide enough information to understand the paper.
	Respect of scientific paper guidelines	The paper does not follow any scientific writing	Not all paper guidelines are	Most guidelines are respected, but they are applied inconsistently	The general guidelines for the paper are respected throughout the paper. The page limit is respected.	Particular attention is put into the figures and tables and their captions. They are readable without needing zooming in or using reading glasses (e.i. a font size close to the paper's font size). The captions enable an understanding of the figures and tables on their own. The students have put care into the title, list of authors and possible headers and footers. The list of authors should be complete, with the	The students put effort in making their figures accessible to all. This includes, where possible, to use grayscale colours or colours of different brightnesses, use of symbols (with associated legends) and annotations.  If equations are used: all symbols are explained and the formulas are presented clearly.
	Citations and quality of sources	The paper does not include any sources	statements for which	Sources are included but their formatting is either inconsistent, or do not allow one to find the orginal source material	Sufficient sources are included to support the statements in the paper. The formatting of the bibliography is consistent accross sources.	Some sources are recent. Some articles cited are peer-reviewd. Some websites cited are credible. It is clear when statements are paraphrased or directly quoted. Quotations marks are used for direct quotations, while rephrasing of the original quote is done when paraphrasing. In each case, the source is provided.	Most sources are recent (within the last 10 years) and up to date. When URL (not DOI links) are added, the date of last access is mentioned. All websites used as sources are authoritative. Any popular knowledge sources or general (less thrustworthy) websites are ackowledged as such in the text Most sources are peer-reviewed articles

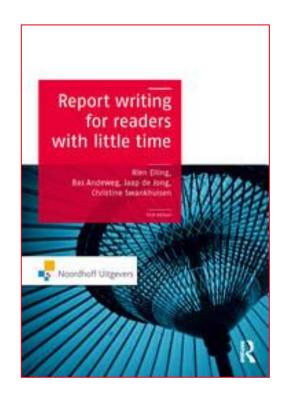
#### **EPFL**

### **More info:**



Info on figures, citations and more (also on presentations)!

See in Moodle (16.12.2024) Mission Definition Review (MDR) > Formatting and Communication by Anne-Marlene Ruede (2023)



Info on requirements for each section, the quality of figures and writing paragraphs

Scans have been placed on Moodle

General > Course Resources > Writing for readers with

little time