

# Organizing the Paper

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What do we find in a paper?

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## What do we find in a paper?

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☐

Motivations

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Goals

☐

Contributions

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Examples

☐

Explanations

☐

Definitions

☐

Theorems

☐

Results

☐

Analyses

☐

Comparisons

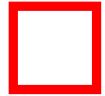
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# What do we find in a paper?

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Motivations

- Context
- Problem

## What do we find in a paper?

☐ Goals

- Hypotheses
- Research Questions



## How is the Paper Organized?



# How is the Paper Organized?

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- Abstract `\section{Introduction}`  
`\label{sec:int}`
- Introduction `\section{Overview}`  
`\label{sec:ovw}`
- Overview `\section{Solution}`  
`\label{sec:sol}`
- Solution `\section{Evaluation}`  
`\label{sec:evl}`
- Evaluation `\section{Related Work}`  
`\label{sec:rel}`
- Related Work `\section{Conclusion}`  
`\label{sec:con}`
- Conclusion

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What do We Have in each Section?

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# Introduction

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- Introduction
  1. Context
    1. argument<context>
  2. Problem
    1. argument<problem>
  3. Solution
    1. exposition<goal>
    2. exposition<contribution>
  4. Result
    1. exposition<result>
    2. argument<related work>

# Overview

- example
- exposition<related work>
- argument<related work>

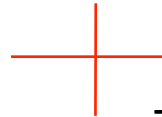
```
\begin{example}[Booh]  
\label{ex:booh}  
...  
\end{example}
```



# Overview



- exposition<related work>
- argument<related work>



The comparative paragraph

## Solution

- Definition
- exposition<algorithm>
- example
- theorem

```
\begin{definition}[Booh]  
\label{def:booh}  
...  
\end{definition}
```

```
\begin{theorem}[Booh]  
\label{theo:booh}  
...  
\end{theorem}
```

```
\begin{small}  
\begin{quotation}  
\textbf{proof}:  
...  
$\qeds$  
\end{quotation}  
\end{small}
```

# Evaluation

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- exposition<research question>
- exposition<setup>
- exposition<result>
- argument<analysis>

## Related Work

- History
  - Comparison
  - exposition<related work>
  - argument<related work>
- The comparative paragraph

## Conclusion

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- exposition<goal>
- exposition<result>
- argument<analysis>