

Experience Sharing on How to write High-Quality Papers?

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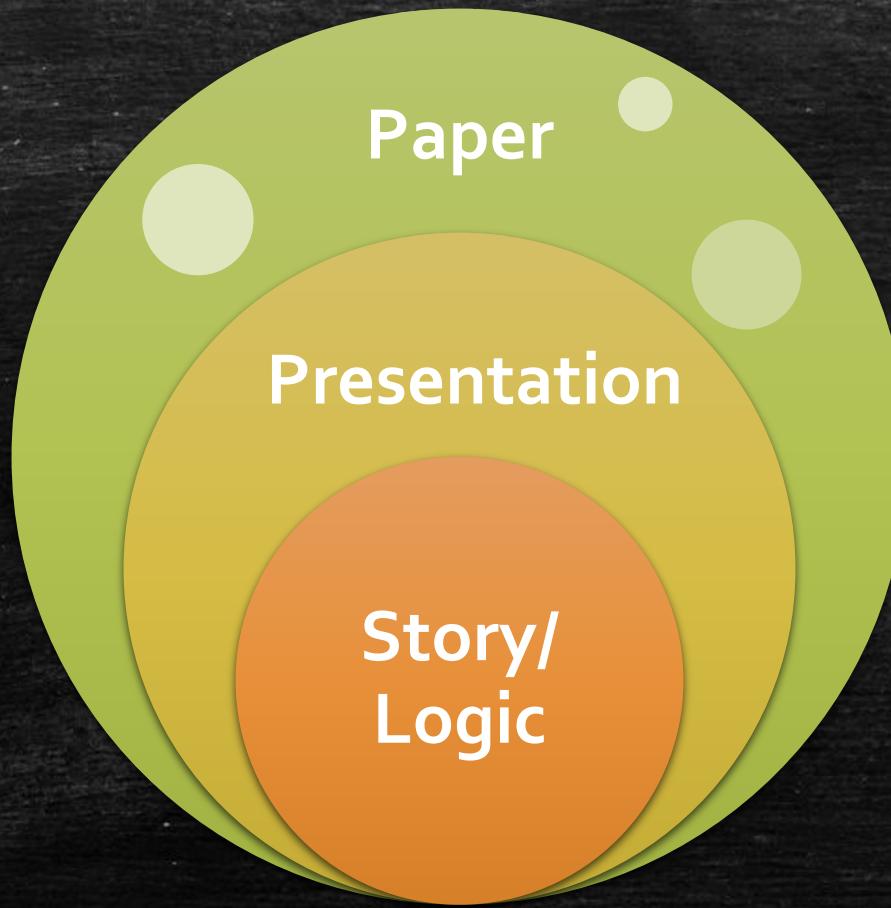
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Two of the Most Important Elements in a Paper

Without good story

- Not well motivated
- Lack of contribution
- Flawed evaluation
- ...



Without good presentation

- Not attractive to read
- Not easy to follow
- Not intuitive to grasp
- ...

Key Questions to Ask about Your Story

How these questions
are **answered** is closely
related to the **quality** of
your paper

Motivation

- Who cares?
- What benefits?

Problem

- Is it new?
- Is it difficult?

Solution

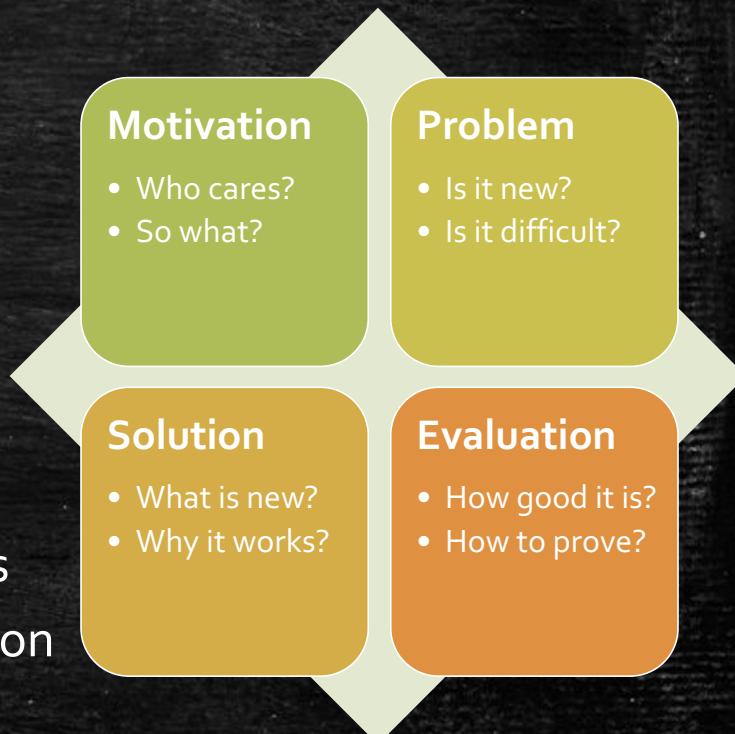
- What is new?
- Why it works?

Evaluation

- How good it is?
- How to prove?

Example: *User Profiling using NonLinguistic Audio Data* (ACM TOIS)

- Motivation
 - Organization authorities (like companies, hospitals)
 - Understand target audience in naturalistic environment
- Problem
 - First work on gender and personality inference with nonlinguistic audio
 - Existing methods cannot work on nonlinguistic audio
- Solution
 - Novel voice activity detection algorithm; context-aware inference models
 - Exploit “noises” that is overlooked in existing methods; context information
- Evaluation
 - Best performance achieved
 - Real dataset, different baselines

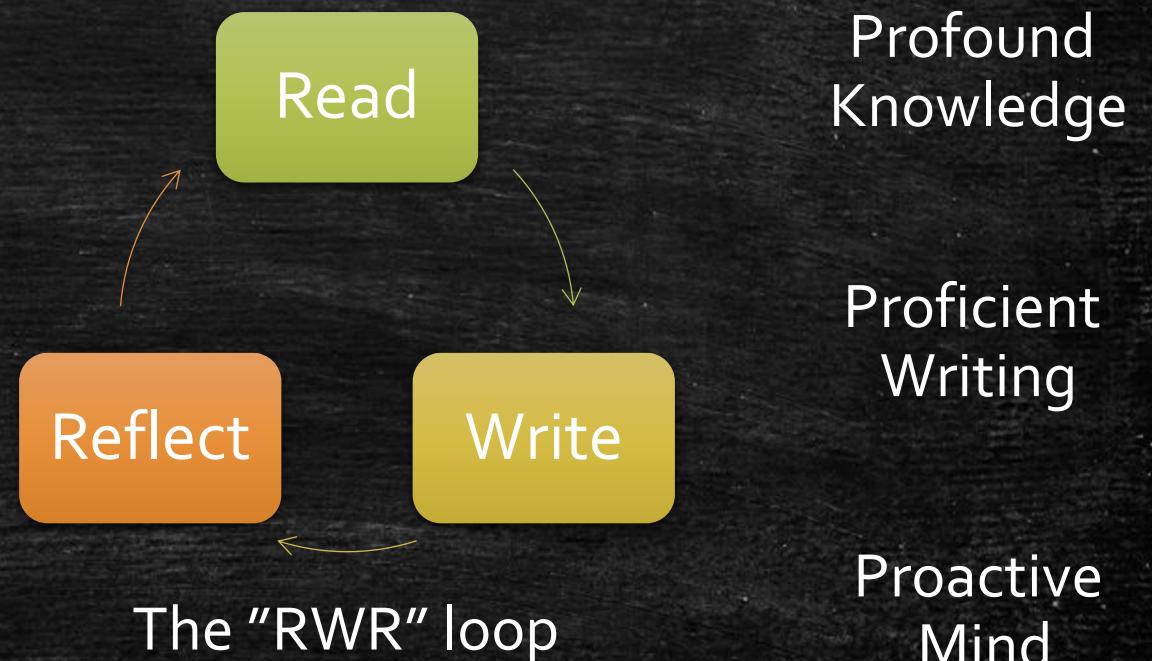


Requirements of a Good Presentation

- Basic requirements
 - Precise: use the **right** terminology
 - Concise: use the most **effective** words
- Advanced requirements
 - The devil is in the details
 - A picture is worth a thousand words
 - Find your community
 - ...

Suggestion: Get into the RWR Loop ASAP!!

- Strategic reading
 - Extensive read
 - Read with questions
- Use IMCL templates
 - The shoulder of giants
 - Save your effort
- Ask seniors for comments
 - Get more feedback
 - Critical thinking



**THANK
YOU**