IoT challenges State of the art

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- 1. Good morning every one, ladies and gentlemen, distinguished guests and supervisors.
 - Thank you all for your presence.
- 2. My name is DJOUDI Aghiles

- ...

- ...

- I am a Phd student at Paris-est university and particularly at ESIEE school.
- 3. My talk is gonna be on ...

1. Introduction

- 2. First contribution
- 3. Second contribution
- 4. Third contribution
- 5. Conclus



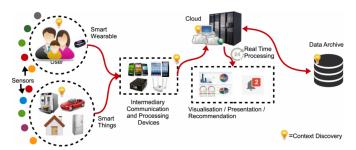


Figure 1: The IoT platform.

- 1. [1] Connect sensors to the gateway[1].
- 2. Connect the gateway to the infrastructure.
- 3. Store & Analyze sensors data[2].

[1] Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahhouz. Software Defined Networking for Improved Wireless Sensor Network Management: A Survey 1n: 17.5 (May 4, 2017). 00053, p. 1031.
[2] Pascal Thubert, Maria Rita Palattella, and Thomas Engel. 6TISCH Centralized Schedulory. When SDN Meet lof 1. In: 2016 IEEE Conference on Standards for Communications and Networking (CSCN). 00315 IEEE Conference on Standards for Communications and Networking (CSCN). 00316. (2015, p. 142–14).

1. Introduction | 1. Context

Problematic

Where is the problem?

How to select the **best** access point



Figure 2: tets.

1. Introduction | 2. Problematic 2/38

Motivations

Why should we fix these problems?

- 1
- 2. QoS Analysis
- 3. Threats



Figure 3: tets.

1. Introduction | 3. Motivation 3/38

Goals

specific, measurable, achievable, réalistic, for 3 years?

- 1. Allow heterogeneous network to communicate
- 2. QoS Analysis
- 3. Threats



Figure 4: tets.

1. Introduction | 4. Goals 4/38

Challenges Where is the difficulty?

- 1. Challenge 1
- 2. Challenge 2
- 3. Challenge 3



Figure 5: tets.

1. Introduction | 5. Challenges 5/38

Contributions

How could be addressed?

- 1. Contribution 1
- 2. Contribution 2
- 3. Contribution 3



Figure 6: tets.

- 1. Introduction
- 2. First contribution
- 3. Second contribution
- 4. Third contribution
- 5. Conclusion

- 2. First contribution

- 1. Related work
- 2. Contagion process
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion

- 2. First contribution

- 1. Related work

Related work

Comparison

Paper	A1	A2	A3	A4

Table 1: An example table.

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Related work

Comparison

Paper	A1	A2	A3	A4

Table 2: An example table.

2. First contribution | 1. Related work

- Introduction
- 2. First contribution
- Second contribution
- 4. Third contribution
- Conclusion

- i. Related work
- 2. Contagion process
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion

... (step 1)
Methods

2. First contribution | 2. Contagion process

... (step 2)
Methods

... (step 3)
Methods

2. First contribution | 2. Contagion process

... (step 4)
Methods

2. First contribution | 2. Contagion process

Results Comparison



- 2. First contribution

- 3. Experimentation

Experimentation Experimentation



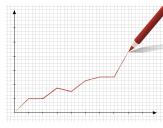


Figure 7: .

- 2. First contribution

- 4. Results exploitation



Results
Comparison



- Introduction
- 2. First contribution
- Second contributio
- 4. Third contribution
- 5. Conclusio

- 1. Related work
- 2. Contagion proces
- 3. Experimentation
- Results exploitation
- 5. Conclusion

Conclusion

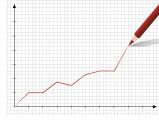


Figure 9:

2. First contribution | 5. Conclusion

- 3. Second contribution

- 1. Related work
- 2. Contagion process
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion

- 3. Second contribution

- 1. Related work

Related work

Comparison

Paper	A1	A2	A3	A4

Table 4: An example table.

Related work

Comparison

Paper	A1	A2	A3	A4

Table 5: An example table.

- 3. Second contribution

- 2. Contagion process

... (step 1)
Methods

3. Second contribution | 2. Contagion process

... (step 2)
Methods

... (step 3)
Methods

.

3. Second contribution | 2. Contagion process

... (step 4)
Methods

Results
Comparison



Table 6

- 3. Second contribution

- 3. Experimentation

Experimentation

Experimentation







Figure 10: .

- Introduction
- First contribution
- 3. Second contribution
- 4. Third contribution
- Conclusion

- 1. Related work
- 2. Contagion proces
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion
- 5. Conclusio

Results
Comparison







Figure 11: .

- Introduction
- First contribution
- 3. Second contribution
- 4. Third contribution
- Conclusion

- 1. Related work
- Contagion proces
- Experimentation
- 4. Results exploitation
- 4. nesults exploitation
- 5. Conclusion

Conclusion







Figure 12: .

- 4. Third contribution

- 1. Related work
- 2. Contagion process
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion

- Introduction
- First contribution
- Second contribution
- 4. Third contribution
- Conclusio

- 1. Related work
- 2. Contagion process
- 3. Experimentation
- 4. Results exploitation
- 4. nesults exploitation
- 5. Conclusion

Related work

Comparison

Paper	A1	A2	A3	A4

Table 7: An example table.

4. Third contribution | 1. Related work 27/38

Related work

Comparison

Paper	A1	A2	A3	A4

Table 8: An example table.

4. Third contribution | 1. Related work 28 / 38

- Introduction
- 2. First contribution
- 3. Second contribution
- 4. Third contribution
- Conclusion

- Related work
- 2. Contagion process
- Experimentation
- Results exploitation
- 5. Conclusion

... (step 1)
Methods

4. Third contribution | 2. Contagion process

... (step 2)
Methods

... (step 3)
Methods

...

... (step 4)
Methods

4. Third contribution | 2. Contagion process

Results Comparison



- 4. Third contribution

- 3. Experimentation

Experimentation

Experimentation







Figure 13: .

- Introduction
- First contribution
- 3. Second contribution
- 4. Third contribution
- Conclusion

- 1. Related work
- 2. Contagion proces
- 3. Experimentation
- 4. Results exploitation
- 5. Conclusion
- 5. Conclusio

Results
Comparison







Figure 14: .

- Introduction
- First contribution
- Second contribution
- 4. Third contribution
- Conclusion

- 1. Related work
- 2. Contagion proces
- Experimentation
- Results exploitation
- F. Presuits exploitation
- 5. Conclusion

Conclusion





Figure 15: .

- Introduction
- 2. First contributio
- 3. Second contribution
- 4. Third contributio
- 5. Conclusion

Conclusion

Our main goal was

...

1111

Our main contribution was

-

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Our main results was

-

-

Future Challenges

Conclusion

Our future goal was

- -

Future Challenges Conclusion

Our future goal was



Thank you!

5. Conclusion 38 / 38

References

- Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahlouz. * Software Defined Networking for Improved Wireless Sensor Network Management: A Survey *. In: 17.5 (May 4, 2017). 00053, p. 1031 (p. 4).
- Pascal Thubert, Maria Rita Palattella, and Thomas Engel. * 6TiSCH Centralized Scheduling: When SDN Meet loT *. In: 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 2015, Japan: Oct. 2015, pp. 42–47 (p. 4).