Identifying the challenges towards distributed nano data center infrastructor*

Proposal[†]

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ABSTRACT

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CCS CONCEPTS

 Computer systems organization → Embedded systems; *Redundancy*; Robotics; • Networks → Network reliability;

KEYWORDS

ACM proceedings, LATEX, text tagging

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- INTRODUCTION
- RELATED WORK
- **JUSTIFICATION**
- **EVALUATION**
- RESEARCH PLAN

Table 1: Research Plan

	17.10.17	Choosing a SPWL Research Area, join the team
	24.10.17	
	06.11.17	Upload final research proposal
	07.11.17	Presentation of the research proposal
	20.11.17	Upload progress report I
	21.11.17	Progress report I
	12.12.17	Mid term synchronisation
	12.01.18	Upload Progress Report II
	26.01.18	Upload final deliverables
	30.01.18	Presentation of final deliverables
	06.02.18	Presentation of final deliverables
-		

6 RISK ANALYSIS

Das ist ein Text [2] und das auch [1]

REFERENCES

- [1] Fatemeh Jalali, Robert Ayre, Arun Vishwanath, Kerry Hinton, Tansu Alpcan, and Rodney S. Tucker. 2014. Energy Consumption of Content Distribution from Nano Data Centers versus Centralized Data Centers. SIGMETRICS Performance Evaluation Review 42, 3 (2014), 49-54.
- [2] Vytautas Valancius, Nikolaos Laoutaris, Laurent Massoulié, Christophe Diot, and Pablo Rodriguez. 2009. Greening the internet with nano data centers. In CoNEXT. ACM, 37-48.

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[†]The full version of the author's guide is available as acmart.pdf document