

# **Development of a D-SPECT myocardial perfusion phantom**

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Revision 0.1

Project plan



## <sup>2</sup> Development of a D-SPECT myocardial perfusion phantom

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## **Preface**

The project plan outlines an introduction and literature of the topic along with organisational information including a detailed planning.

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Enschede, 3<sup>rd</sup> December 2018



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# 18 **1 Introduction**

19 [inpr] Read into background information on D-SPECT

20 [inpr] Write global background information

21 [todo] Introduce the rest of the document

## 22 **2 Literature**

23 [todo] Read available literature

24 [todo] Write literature review to more accurately define research questions

## 25 **3 Research methodology**

26 [todo] Define research questions

## 27 **4 Planning**

28 [todo] Create graphical planning

29 [todo] Create workday overview

30 [todo] Create week overview

31 [todo] Define deadlines

32 [todo] Define meetings: frequency, type, and already planned

## 33 **A Appendix 1**

34 Tip: Make a copy of this document, since this is a manual of the template. This will prevent  
35 losing the document while modifying it. (And probably breaking it.)

### 36 **A.1 Required TexLive packages**

37 The following packages are required for TeX Live 2012 and 2013 (tested under Ubuntu)

```
38 texlive
39 texlive-lang-dutch      -> Dutch hyphenation
40                        (old TeX Live distributions, 2013-)
41 texlive-lang-europeans -> Dutch hyphenation (amongst others)
42                        (new Tex Live distributions 2013+)
43 texlive-latex-extra
44 texlive-fonts-extra     -> fourier
45 texlive-humanities      -> lineno
46 texlive-pstricks        -> pstricks (2013+?)
47                        (not really used in the template??)
```

## Bibliography

- Barfoo (1978), *Lorem Ipsum Lorei*, CE, Utwente, ISBN 0134456789.
- Broenink, J. F. and G. H. Hilderink (2001), A structured approach to embedded control systems implementation, in *Proceedings of the 2001 IEEE International Conference on Control Applications*, Eds. M. W. Spong, D. W. Repperger and J. M. I. Zannatha, IEEE, pp. 761–766, ISBN 0-7803-6733-2, doi:10.1109/CCA.2001.973960.  
<http://www.ce.utwente.nl/rtweb/publications/2001/pdf-files/042R2001.pdf>
- Controllab Products (2008), 20-sim.  
<http://www.20-sim.com/>
- Foobar (2030), *Foobar Lorem Ipsum*, CE, Utwente, hundredth edition, ISBN 0123456789.
- Hilderink, G., J. Broenink and A. Bakkers (1997), Communicating Java Threads, in *Parallel Programming and Java, Proceedings of WoTUG 20*, volume 50, IOS Press, Netherlands, University of Twente, Netherlands, pp. 48–76.  
[http://www.ce.utwente.nl/rtweb/publications/1999/pdf-files/014\\_R99.pdf](http://www.ce.utwente.nl/rtweb/publications/1999/pdf-files/014_R99.pdf)
- Hoare, C. A. R. (1985), *Communicating Sequential Processes*, Prentice Hall International.  
<http://www.usingcsp.com/cspbook.pdf>
- Jovanović, D. S., B. Orlic, G. Liet and J. F. Broenink (2004), gCSP: A Graphical Tool for Designing CSP Systems, in *Communicating Process Architectures 2004*, volume 62 of *Concurrent Systems Engineering Series*, Eds. I. East, J. Martin, P. H. Welch, D. Duce and M. Green, IOS press, Amsterdam, pp. 233–252, ISBN 1-58603-458-8, ISSN 1383-7575.  
<http://doc.utwente.nl/49238/1/jovanovic04gcsp.pdf>