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### Functionalized graphene sensors for real time monitoring fermentation processes

Chinnathambi, Selvaraj

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# **Functionalized graphene sensors for real time monitoring fermentation processes**

Electrochemical and chemiresistive sensors

## **PhD thesis**

to obtain the degree of PhD at the  
University of Groningen  
on the authority of the  
Rector Magnificus Prof. C. Wijmenga  
and in accordance with  
the decision by the College of Deans.

This thesis will be defended in public on

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by

**Selvaraj Chinnathambi**

born on 6 April 1987  
in Sattur, India

**Supervisors**

Prof. G.J.W. Euverink  
Prof. Y. Pei

**Assessment Committee**

Prof. F. Picchioni  
Prof. B.J. Kooi  
Prof. H.J. Wortche

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**Samenvatting**

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