

**Gabriele Spina**  
Nieuwstraat 29  
Eindhoven 5611DA, The Netherlands

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**Philips Handheld Diagnostics Department**  
Philips  
High Tech Campus  
Eindhoven

Dear Philips Handheld Diagnostics Department:

It is with great interest that I am forwarding my resume to you for the full-time position "Clinical Trial Assistant (Job Number 10011647)".

I graduated in Biomedical Engineering with honors and I am currently a last year PhD student at Philips Research (Smart Professional Spaces group) and at the department of Signal Processing Systems of TU/e. My contract ends in January 2016 and my Ph.D. defense is planned in June 2016.

My Ph.D. was part of the successfully completed Philips Project iCare4COPD under Contract PNE101005. In particular, my efforts aim to investigate and further developed signal processing and machine learning methods to analyze data comprising physiological information and objectively assessed physical activity related to patients with chronic obstructive pulmonary disease (COPD). The extracted information can be used to obtain new markers of patient's improvements and objective behavioral assessment under free living conditions.

During my Ph.D. I was involved in large studies and I developed research experience in the area of data collecting and analysis publishing several papers in both technical and medical journals. I also developed field experience related to patient contact in pulmonary rehab center (CIRO+, Horn, The Netherlands).

Moreover, I contributed to the Philips Intellectual Property with innovative ideas among which: one was selected as first Runner up at Philips Sleep and Respiratory Care's first Creative Playground and three were filed as patents. Another patent filing is in progress.

My belief is that I could make significant contributions to your current and future projects and that my education and abilities will be employed to their full potential in this position.

I have enclosed my resume for your review. I look forward to hearing from you.

*Sincerely,*

*Gabriele Spina*