

Jr.nr.**Ansøgt beløb** 12500

Kongresdeltagelse i udlandet(Conference participation abroad)

Dato for indsendelse: 3.1.1

ANSØGER

Navn: Vording, Maximillian Fornitz

Stilling: Ph.d. studerende

Institution: DTU

Institut: Compute

BESKRIVELSE AF FORMÅL

The presentation of the paper at MLSP 2019 (ieeemlsp.cc) will develop both the field of de novo drug development and applications and methods of Bayesian machine learning, while expanding the academic network of both the PhD student presenting and the two research centers involved (DTU Compute CogSys and DTU Health Tech, IDUN Sensor).

The motivation for the research presented:

Thermal analysis using resonating micro-electromechanical systems shows great promise in pharmaceutical research in characterizing physiochemical and mechanical properties of drugs. The paper presented at MLSP 2019 proposes a model, which can give a more precise characterization of the material of the resonator, which is important in practical settings where the number of measurements are limited and the noise level is high. This paper applies gaussian processes to identification of patterns in the thermochemical analysis data. The topic is a good match for the conference. The paper differentiate the work while also providing references to prior literature. The approach is well-matched to the technical challenge and a unique addition to the literature.

ØKONOMI

Budgettet er for 2 deltagere i kongressen.

Kongressens navn: IEEE International Workshop on MACHINE LEARNING FOR SIGNAL PROCESSING

By: Pittsburgh, PA, USA

Lufthavn: Pittsburgh, PA, USA (PIT-Pittsburgh Intl.)

Land: USA

Periode: 13.10.2019 - 16.10.2019

Varighed: 4 dage

ØKONOMI**Indtægter**

Institutions støtte (Institutions support)

kr. 12.700,00

Sum

kr. 12.700,00

OTTO MØNSTEDS FOND

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Udgifter

Konferencegebyr (Conference fee)	kr. 5.519,64
Konferencegebyr (Conference fee)	kr. 2.926,00
Flybillet(flight ticket)	kr. 5.000,00
Flybillet(flight ticket)	kr. 5.000,00
Speciel nedsat rate for 2 MLSP deltagere hos Wyndham Pittsburgh University Center Hotel	kr. 6.803,12
Sum	kr. 25.248,76

Budgetbalance	kr. 12.548,76
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Budgettet er for 2 deltagere i kongressen.

DOKUMENTER

Artikel/Abstract	Dette er den accepterede artikel, som endnu ikke er i kamera-klar version, men vil blive det d. 23 Aug.
Invitation/accept fra konferencen	Dette er den e-mail, som dokumenterer, at artiklen er accepteret til præsentation ved MLSP 2019 Workshop.

TIDLIGERE ANSØGNINGER

19-70-1177	Forskningsophold i udlandet på min. 3 mdr.(Research stay abroad of at least 3 months.)	Univ. of Cambridge, Dep. of Engineering, MLGroup	Afventer vurdering
Bev. beløb:			0,00