# JFES NewsLetter

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e-mail: symposium@jfes-spwla.org

Japan Formation Evaluation Society – A Chapter of SPWLA

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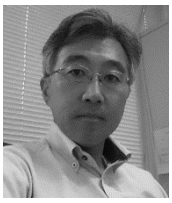
## Invitation to the 2021 JFES Distinguished Lecture

JFES is pleased to invite a distinguished lecturer recognized by SPWLA in 2020. This lecture contains a part of his study published in the 2020 SPWLA annual symposium and is related to well log application to the geothermal reservoir characterization. It is following the introductory lecture about the general geothermal introduction by the experienced geothermal specialist of the JFES board member. The two lectures together provide the participants with the opportunity to deeply and smoothly understand the geothermal reservoir characterization. Reservoir engineers, geologists, geophysicist, petrophysicist and anyone interested in geothermal, are all welcomed!

Online lectures will be held due to the unprecedented situation caused by COVID-19 pandemic. Those who are interested in attending this meeting, please register here by **August 19, 2021.**

**Registration:** **http://bit.ly/2021_JFES_DL**
**Date & Time:** **August 26, 2021, Thursday, 15:30 – 17:30 (JST)**
**Online Seminar:** **The access link will be informed to resisters.**
**Contact:** **member@jfes-spwla.org**

**Program:**



***Introductory Lecture: 15:30-16:30 (JST)***
*<**Title**> Introducing geothermal reservoir characterization and development*
*<**Speaker**> Tatsuya Sato (JFES Board Member, GERD)*
*<**Language**> Japanese*
*<**Abstract**>*
The common classification of geothermal reservoir is based on the enthalpy that is proportion to formation temperature, and the permeability. The type of geothermal reservoir is various over the world. In this talk, the fundamental characteristics of different type geothermal, reservoir characterization and development workflows are introduced comparing with the case from Japan addition to the commonly used well logging technology.

***Distinguished Lecture: 16:30-17:30 (JST)***

*<**Title**> DELINEATING THE GEOTHERMAL STRUCTURE AND FLOW PROPERTIES IN A SUB-HORIZONTAL WELL WITH THE USE OF WIRELINE AND LWD DATA IN A MULTIPHYSICS APPROACH*
*<**Speaker**> Erik Wielemaker (Schlumberger)*
*<**Language**> English*
*<**Abstract**>*
Geothermal projects are rapidly developing in Continental Europe to provide an alternative energy source. These projects typically involve a doublet of a producer and injector well, which are typically vertical wells drilled with minimal measurement technology. We discuss how advanced wireline measurements guided the decision making for completion strategy in a subhorizontal geothermal well in the suburbs of Paris, France, which at the time was a world premiere in geothermal well design. In addition, we will describe how these measurements aided understanding of the overall structural model. The project provided a 150% increase in geothermal productive/injective capacity vs. previous conventional approaches.
https://www.spwla.org/Documents/Distinguished_Speakers/2020-2021_SPWLA_DistinguishedSpeaker_E.Wielemaker.pdf
https://onepetro.org/SPWLAALS/proceedings-abstract/SPWLA20/29-SPWLA20/D293S019R002/445729

**Icebreaker（懇親会）** None.