

Developing your own user routines

How to introduce your own rheological models, friction laws, damage criteria? This is the purpose of user routines.

The FORGE® software offers the possibility to access to a certain number of Fortran routines that the user can modify as he wishes. This functionality allows engineers to enhance their

models thanks to the implementation of new models and user variables. The second day will be devoted to coding your own user routines. You will also generate your user solver.

LEVEL



Advanced - Users willing to integrate their own Fortran routines in FORGE® solvers.

PREREQUISITES



Substantial experience with FORGE® is required as well as basic programming skills.

GOALS

- Understanding of the various user routine categories
- · Compiling and creating dynamic libraries
- · Implementing rheological law, friction law, damage criteria models
- Calculation of additional variables that are not mentioned among the results calculated by the standard solver

OTHER RECOMMENDED COURSES



- FORGE® Automatic optimization
- FORGE® New functionalities of FORGE® NxT 4.0

TRAINING	DURATION	PRICE EXCL. TAX	PARTICIPANTS
In-company	2 days	3000 € per training	1 to 3 people

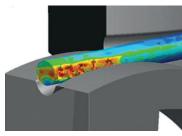
Contact us to arrange the date and place of the training.

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DAY 1 > 8.30 a.m. to 12.00 p.m. & 1.30 p.m. to 5.00 p.m.





Damage criterion Lemaitre Courtesy of UGITECH





Distribution de taille de grain Avec l'autorisation de Tecnalia

DAY 2 > 8.30 a.m. to 12.00 p.m. & 1.30 p.m. to 5.00 p.m.