# Robot Jury Challenge Terms

Would you like to go down in history as one of the first data scientists who taught a machine to estimate human attractiveness? By participating in this BEAUTY.AI experiment, it will become more than real.

## Why it is important to teach machines to estimate human attractiveness

We believe that in the nearest future, machines will be able to get a lot of vital medical information about people's health by just processing their photos. Learning to estimate people's attractiveness is the first small but crucial step to this future, because healthy people look more attractive despite their age and nationality. This step enables us to build the base for developing future algorithms for appearance estimation.

## The deadline for algorithms submission is July 5th, 2016.

## Experiment technical details

You can use any criteria you like, for example: how old a person looks, celebrity similarity, face symmetry, face area proportions, dark circles under the eyes, skin health: freshness, shining, moisture, elasticity, wrinkleless, other skin conditions, etc.

We expect you to use:

- deep neural networks;
- GPU for training;

but you are free to propose your own approach.

Expected instruments:

- python + theano/caffe
- lua + torch
- C + Cuda + cuDNN

Also, you may want deploy well-known image processing algorithms provided by OpenCV and skimage.

Submission requirements:

- the code is placed in the public project at Github;
- the final model is trained and placed in the same project at Github;
- the automatic installation scripts are in Github;
- the usage and installation instruction is in Github (the instruction must include ready to use scripts to launch the model).

Submission instruction:

- put your code with trained model in Github;

- if you need a gpu cluster for training don't hesitate to email us (team@beauty.ai), we will try to help you;
- fill out the short application form to submit the link to the Github project;

Application form:
We'll ask you to fill in:

- Team name
- First name
- Last name
- E-mail
- Link to github project
- Country
- Facebook link
- Method description
- Instruments used

Please, submit it here
https://docs.google.com/forms/d/19ueJKVBvRSXooBRYvp2U5ia_YrU1qK9-ODajJbAhl1k/

If you have questions please contact us: team@beauty.ai

What you can get from participation in Beauty.AI experiment:

1. scientific paper publication;
2. get an offer to work in the state-of-the-art world companies in the fields of anti-aging, skin medicine and machine learning such as In-Silico Medicine, Vital, NVidia, Microsoft;
3. become the first data scientists who teach machine to estimate human attractiveness.