```python
import numpy as np
import gstools as gs
# spatial axis of 50km with a resolution of 1km
x = np.arange(0, 50, 1.0)
# half daily timesteps over three months
t = np.arange(0.0, 90.0, 0.5)
# total spatio-temporal dimension
st_dim = 1 + 1
# space-time anisotropy ratio given in units d / km
st_anis = 0.4
# an exponential model with len-scales of 2d and 5km
model = gs.Exponential(
    dim=st_dim, var=1.0, len_scale=5.0, anis=st_anis)
# generate the spatio-temporal field
srf = gs.SRF(model, seed=20170521)
pos, time = [x], [t]
srf.structured(pos + time)
srf.plot(ax_names=["x / km", "t / d"])
```


Field 2D structured: (50, 180)