

# DEZSŐ DÉVÉNYI

## 1948-2009

See more slides about Dezső's life and achievements at  
<https://met.hu/rolunk/rendezvenyek/>



*Teacher,  
supervisor,  
mentor,  
colleague  
and a friend*  
***„FATHER of NWP in HUNGARY”***

Dezső in Reading in November, 2009

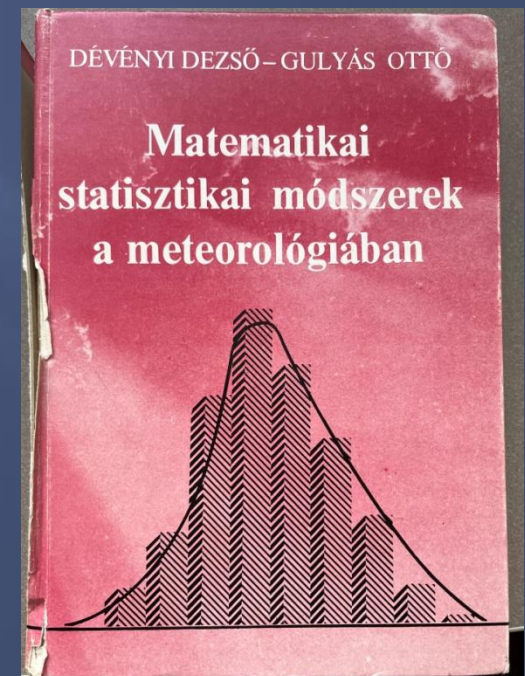
# Dezső as head of NWP

Dezső's main interest was NWP, data assimilation in particular

- ▣ 1988- Adaptation SMHI LAM system
  - Dezső visited SMHI and brought home the code
  - It became operational at HMS in 1991
- ▣ 1990: Dezső represented HMS at the kick-off of the NWP cooperation initiated by Meteo-France (later called ALADIN)
- ▣ 1991: Initiation of ECMWF „cooperative state” membership (Dezső played a crucial role)

# Dezső as a teacher and supervisor

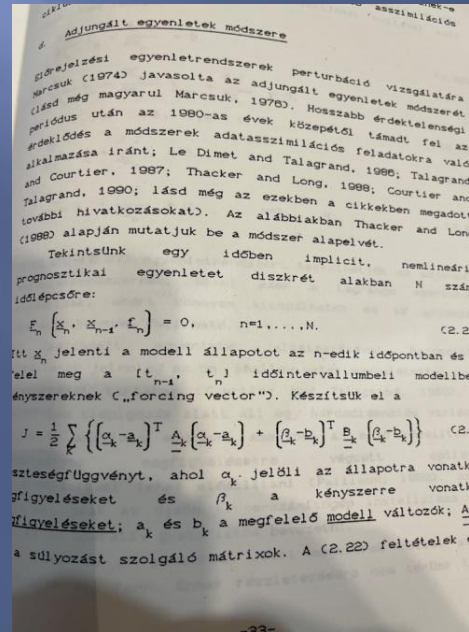
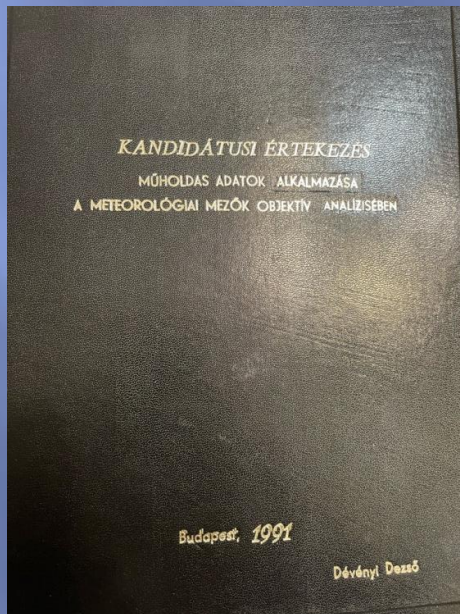
- 1982-1991: Dezső gave lectures for meteorology students on NWP (numerical methods, stability issues, Galerkin methods, NWP models, optimal interpolation...)
- He was supervisor for numerous master and PhD theses
- He was co-author of a mathematical statistics for meteorologists textbook



# Dezső's candidate (PhD)work

Dezső got his title in 1991:

**Application of satellite data in the objective analysis of meteorological fields**



# Dezsó's main achievements at FSL

Dezsó started his second „career” at FSL Boulder, Co. in 1991

- Introduction of 3DVAR to NOAA hres short-range models
- Application of the community GSI statistical interpolation to regional RAP
- Development of ens-based closure scheme for deep convection parametrization (Grell-Devenyi, 2002)

# The Dévényi award

- 2010: Memorial meeting: a celebration of Dezső's scientific achievements
- 2011: We, Dezső's friends and daughter created the award
- 2011-2024: it is now the 11th time the award is given to a young scientist for his/her work in the field of NWP and dynamical meteorology
- This is now the 15. anniversary of Dezső's death, so let htis meeting be a special tribute to him