Dr. János VAD – let me introduce myself

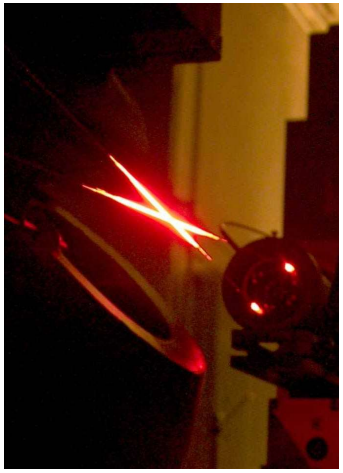
(Age) 19- **Student at BME, Faculty of Mech. Eng.**

20-24 **Msc student, „Experimental Group”**

Specialisation in Laser optics, instrumentation

Love for Fluid mechanics

Laser optical flow measurements



Laser Doppler Anemometer (LDA)

My „Student carrier model” at Dept. Fluid Mechanics

22 Student demonstrator (assistant)

23 Joining the Students’ Scholarly Circle (TDK)

24 MSc degree in Mechanical Engineering

24-27 PhD (doctoral) student

27-29 Research assistant

28 PhD (doctoral) degree in Mechanical Engineering

29-33 Assistant professor

33- Associate professor

40- Head of Department of Fluid Mechanics

44 Doctor of Hungarian Academy of Sciences

44 Habilitation

45- Full professor, > 60 industrial projects

We are looking forward to collaborate with you

- „Fluid mechanics measurements” classes – INTERACTIVE
- „Fluid mechanics measurements” laboratory:
  - A SECRET UNTIL TOMORROW
- Join our Fluid Mechanics community
  - As student demonstrator (assisting laboratory measurements)
  - As student researcher: join the departmental applied research, Students’ Scolarly Circle (TDK)
  - Teamwork project, Major project, Final project
  - Preliminary steps toward a doctoral programme

-Write to me to vad@ara.bme.hu

-Visit the Fluid Mechanics Student Section (Áramlástan Szakosztály) on Facebook

HARDCORE FLUID MECHANICS

HARDCORE

In music: „HC is generally faster, thicker, and heavier than earlier punk rock.” (*Wikipedia*)

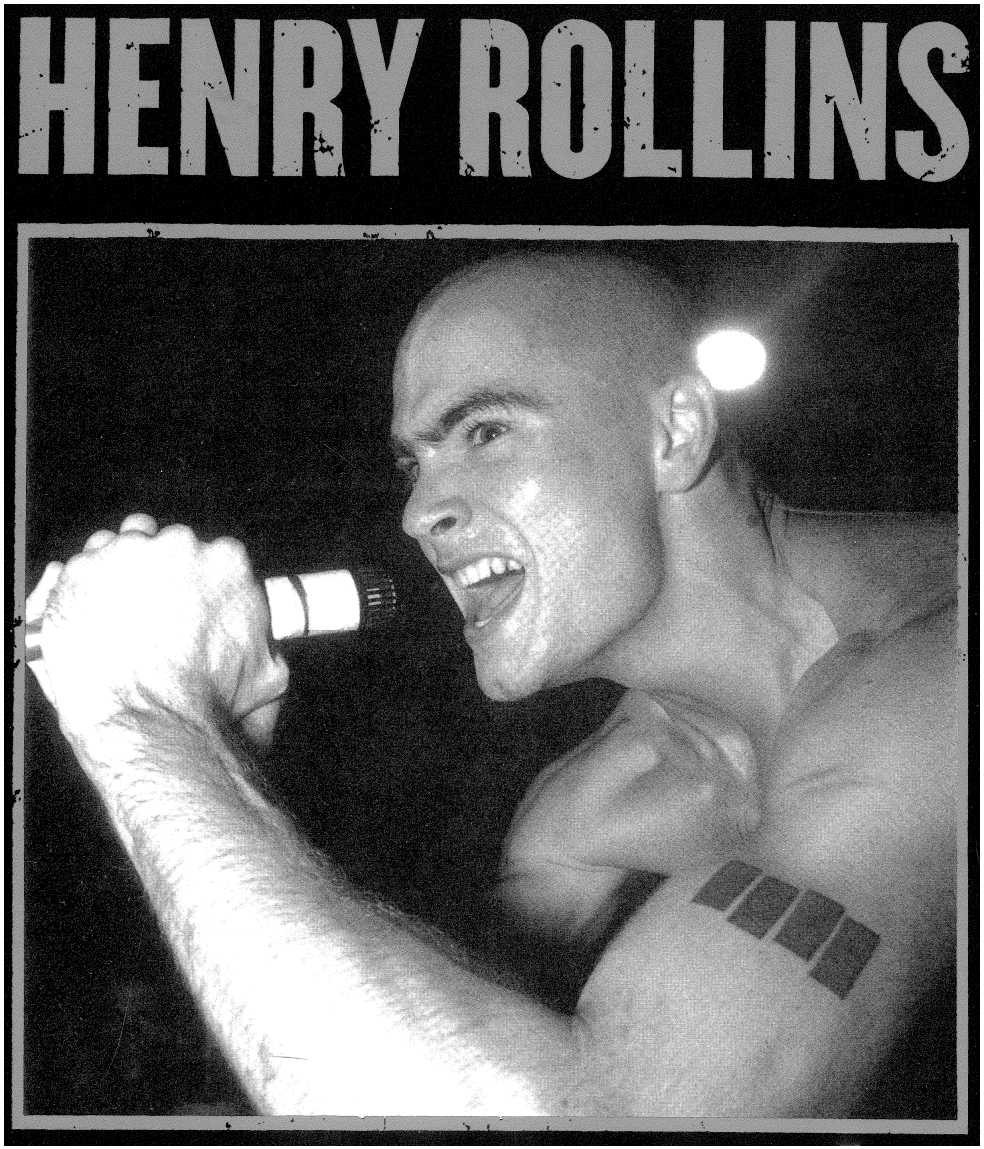
HARDCORE FLUID MECHANICS

BME Department of Fluid Mechanics:

A „hardcore” group of fluids engineering scene

- **Committed to engineering applications**
- **Firm in solving practical problems**
- **No hesitation – you must make decisions**

→FLUID MECHANICS MEASUREMENTS
→INDUSTRIAL CASE STUDIES



„Keep
•your blood clean,
•your body lean,
•and your mind sharp.”

Interactive presentations + industrial case studies •You are competitors on the market! •No delay, no sleeping, no passivity! •You are here to communicate! •You must be here! Your attendance is continuously monitored: attendance sheet •Industrial case studies in teamwork: led by Ms Eszter LUKÁCS. PREMIUM SCORES! Collect the „Red dots" → part of the grade (15 scores max. = one grade improvement), counted at the end of the semester
Measurement displays
2 written mid-term essays – Part A: closed book essay (theory), Part B: open book essay (solution of practical problems): you are obliged to take the essays at given dates, NO retake is offered within the semester (on the 15th week: for fee)
Laboratory? A SECRET UNTIL TOMORROW

Compulsory literature:

Vad, J., Lukács, E. (2020), Fluid mechanics measurements.
***e-coursebook,* Akadémiai Kiadó.**
https://mersz.hu /vad-lukacs-fluid-mechanics-measurements

with INDUSTRIAL CASE STUDIES

Downloadable materials:

www.ara.bme.hu – English – Education – Subject / Courses

BMEGEATNW03 Fluid mechanics measurements – 2019-2020-II

If you have questions, contact me in the break or write to me:
vad@ara.bme.hu