



50th VI-HPS Tuning Workshop

GWDG, Göttingen, Germany,

31 August - 04 September 2026

<http://www.vi-hps.org/training/tws/tw50.html>

**Christian Boehme, Kevin
Lüdemann, Venkata
Ayyalasomayajula**
GWDG

**Christian von Elm,
Bert Wesarg**
TUD

Marc Schlütter
JSC

Thomas Gruber
FAU

Gustavo de Moraes
TUDarmstadt

**Cédric Valensi
& Emmanuel Oseret**
UVSQ

Rudy Shand
Linaro

Sameer Shende
UOregon

Tomáš Panoc
IT4I

Agenda (Monday)

Time	Topic	Presenter
09:00	Welcome	Boehme
	Introduction to VI-HPS & overview of tools	Valensi
	Introduction to performance engineering	
	GWDG hardware and software environment	Lüdemann
	Running bt-mz on GWDG cluster	Ayyalasomayajula
10:30	<i>Break</i>	
11:00	lo2s	Von Elm
	lo2s hands-ons exercises	
12:30	<i>Lunch</i>	
13:30	LIKWID performance tool suite	Gruber
	LIKWID hands-ons exercises	
15:00	<i>Break</i>	
15:30	Hands-ons using lo2s & LIKWID to analyze participants' codes	
17:00	<i>Adjourn</i>	

Agenda (Tuesday)

Time	Topic	Presenter
09:00	MAQAO performance analysis framework	Valensi & Oseret
	MAQAO hands-on exercises	
10:30	Break	
11:00	TAU performance system	Shende
12:30	Lunch	
13:30	Hands-on coaching using MAQAO and TAU to analyse participants' own codes	
17:00	Adjourn	

Agenda (Wednesday)

Time	Topic	Presenter
09:00	Score-P instrumentation & measurement toolset	Schlütter
	Score-P analysis scoring & measurement filtering	
	Score-P hands-on exercises	
	CUBE profile explorer hands-on exercises	
10:30	Break	
11:00	Score-P specialized instrumentation and measurement	Wesarg
	Identifying scalability bugs with Extra-P	De Moraes
12:30	Lunch	
13:30	Hands-on coaching using Score-P and Extra-P to analyze participants' own codes	
17:00	Adjourn	

Agenda (Thursday)

Time	Topic	Presenter
09:00	Scalasca automated trace analysis	Schlütter
10:30	<i>Break</i>	
11:00	Vampir interactive trace analysis	Wesarg
12:30	<i>Lunch</i>	
13:30	Hands-on coaching using Vampir and Scalasca tools to analyze participants' own codes	
17:00	<i>Adjourn</i>	

Agenda (Friday)

Time	Topic	Presenter
09:00	Linaro Forge profiling and performance reports	Shand
	Linaro Forge hands-on exercises	
10:30	<i>Break</i>	
11:00	MERIC/RADAR energy assessment	Panoc
	Review of the workshop	Valensi
12:30	<i>Lunch</i>	
13:30	Hands-on coaching using Forge and MERIC/RADAR to analyze participants' own codes	
15:00	<i>Break</i>	
15:30	Hands-on coaching using tools to analyze participants' own codes	
17:00	<i>Adjourn</i>	