



## **11-th BENEFICIARY - IFJ PAN**

**after June 2010 our associates are hidden but stay:**

AGH	University of Science and Technology, Krakow, Poland
CUT	Cracow University of Technology, Krakow, Poland
TUL	Technical University of Lodz, Łódź, Poland
IPJ	Andrzej Soltan Institute, Swierk, Poland
WUT	Warsaw University of Technology, Warsaw, Poland
PWR	Wroclaw University of Technology, Wroclaw, Poland

These 7 institutes form the PL-TIARA consortium. Agreement signed by  
rectors/directors on 1 August 2010

“Pre-Kick-Off” meeting (was) held in Warsaw on 1 Feb. 2011



## TIARA GOVERNING COUNCIL

**PL: Prof. dr hab. Marek JEŻABEK IFJ PAN**

Our WP's contact people in Poland::

WP2	prof. dr hab. Grzegorz WROCHNA <a href="mailto:wrochna@ipj.gov.pl">wrochna@ipj.gov.pl</a>	IPJ
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# Test Infrastructure and Accelerator Research Area



REVISION SUMMER 2010

	CEA	CERN	CNRS	CIE MAT	DES Y	GSI	INFN	PSI	STFC	UU	IFJ	$\Sigma$	$\Sigma$ new
WP2	20	12	8	8	12	8	12	8	12	8	8/ 7	116	101
WP3	6	23	6	6	6	6	6	13	6	6	6/ 7	90	114
WP4	6	12	6	6	6	12	18	6	6	6	6/ 5	90	75
WP5	5	10	10	10	5	5	5	5	20	5	5/ 4,5	85	71
WP6	4	17	17	4	18	4	5	4	4	4	4	89	-
											29/ 23,5	470	361



# Test Infrastructure and Accelerator Research Area



TIARA - PL

	IFJ	IPJ	WUT	AGH	CUT	PWR	TUL	$\Sigma$
WP2	2	4	1	-	-	-	-	7
WP3	2	2	1	-	-	1	1	7
WP4	1	-	1	-	2	1	-	5
WP5	1	-	1	1,5	-	-	1	4,5
$\Sigma$	6	6	4	1,5	2	2	2	23,5



### VERY SHORT (PERSONAL) CHARACTERISTICS OF CENTERS:

#### **CRACOW – (INP PAN, AGH, CUT)**

~ 50 specialists in acc. construction (LHC, XFEL, Stellarator, ... SPIRA2, SuperB ...)

Hadron therapy (60 MeV cyclotron, melanoma treatment just started, CCB 250 MeV 2011-2013, gantry, mostly medical appl. , research, material studies, irradiation tests ...)

Dosimetry – “patent” TLD – ALFA S.S., CERN ...

Electronics, control systems, mechanical design

Accelerator science ?

#### **WARSAW – (IPJ, WUT)**

outstanding individuals (HG structures ...)

Design and construction of small linear acc. - medical, food ind. ...

Electronics, control systems

#### **WROCLAW – (PWR)**

Cryogenics

Industrial partners - (“Poland at CERN”, liaison officer)

#### **ŁÓDŹ – (TUL)**

Electronics, mechatronics, control systems



## CONTRIBUTIONS – NAIVE VIEW

### WP5 -

Survey (various, extended to neighbour countries?)

Good tradition of close contacts with hundreds of secondary schools (competitions, visits, “master classes” ...)

Physics teachers program

Promotion, outreach (recent example “Bragg curve”)

Program of courses in accelerator physics and techniques (?)

E-learning (?)

Tools (for WP5) - DB, web (?)