

List of the 47 IAP-VII networks (2012-2017)

P7/01 Literature and Media Innovation: the question of genre transformations (LMI)

BAETENS Jan	KULeuven	Coordinator
DELVILLE Michel	ULg	Partner
WATTHEE-DELMOTTE Myriam	UCL	Partner
CALLENS Johan	VUB	Partner
MCHALE Brian	OSU (US)	INT-partner
GERVAIS Bertrand	UQAM (CA)	INT-partner

P7/02 Multiscale Modelling of Electrical Energy Systems (M2E2S)

BELMANS Ronnie	KULeuven	Coordinator
MELKEBEEK Jan	UGent	Partner
SLODIČKA Marián	UGent	Partner
GEUZAINÉ Christophe	ULg	Partner
CLÉNET Stéphane	AMP (F)	INT-partner
HADJSAID Nouredine	Grenoble INP (F)	INT-partner
NORDSTRÖM Lars	KTH (S)	INT-partner

P7/03 Cancer cells and their microenvironment: from gene regulatory networks to therapy (CanEpi)

CARMELIET Peter	KULeuven	Coordinator
MARINE Jean-Christophe	KULeuven	Partner
BALLIGAND Jean-Luc	UCL	Partner
FOIDART Jean-Michel	ULg	Partner
SPELEMAN Frank	UGent	Partner
BLANPAIN Cédric	ULB	Partner
FUKS François	ULB	Partner
GOTTLIEB Eyal	BICR (UK)	INT-partner

P7/04 Spatial and environmental determinants of Eco-Evolutionary DYNamics: anthropogenic environments as a model (SPEEDY)

DE MEESTER Luc	KULeuven	Coordinator
VAN DYCK Hans	UCL	Partner
LENS Luc	UGent	Partner
MATTHYSEN Erik	UA	Partner
HENDRICKX Frederik	IRSNB-KBIN	Partner
TRAVIS Justin MJ	Abdn (UK)	INT-partner
PERES-NETO Pedro	UQAM (CA)	INT-partner
FONTANETO Diego	IES (I)	INT-partner
DECLERCK Steven	NIOO-KNAW (NL)	INT-partner

P7/05 Functional Supramolecular Systems (FS2)

DE VOS Dirk	KULeuven	Coordinator
VAN DER AUWERAER Mark	KULeuven	Partner
JEROME Christine	ULg	Partner
LAZZARONI Roberto	UMONS	Partner
MARIN Guy	UGent	Partner
JONAS Alain	UCL	Partner
DU PREZ Filip	UGent	Partner
CHAMPAGNE Benoît	FUNDP	Partner
VANDERZANDE Dirk	UHasselt	Partner
VAN TENDELOO Gustaaf	UA	Partner
VAN SPEYBROECK Véronique	UGent	Partner
MULLEN Klaus	MPG-P (D)	INT-partner
DE COLA Luisa	Unistra (F)	INT-partner

P7/06 Developing crucial Statistical methods for Understanding major complex Dynamic Systems in natural, biomedical and social sciences (StUDyS)

GIJBELS Irène	KULeuven	Coordinator
VAN MECHELEN Iven	KULeuven	Partner
VAN KEILEGOM Ingrid	UCL	Partner
DUCHATEAU Luc	UGent	Partner
FAES Christel	UHasselt	Partner
PAINDAVEINE Davy	ULB	Partner
LAMBERT Philippe	ULg	Partner
ANTOCH Jaromir	CU (CZ)	INT-partner
ALBERS Casper	RUG (NL)	INT-partner
GONZÁLEZ-MANTEIGA Wenceslao	USC (E)	INT-partner
KENWARD Michael	LSHTM (UK)	INT-partner

P7/07 Paracrine and transcriptional control of cell differentiation in organ development and repair (DevRepair)

HUYLEBROECK Danny	KULeuven	Coordinator
VERFAILLIE Catherine	KULeuven	Partner
MALGRANGE Brigitte	ULg	Partner
VAN ROY Frans	UGent	Partner
ELEWAUT Dirk	UGent	Partner
HEIMBERG Harry	VUB	Partner
MUMMERY Christine	LUMC (NL)	INT-partner
GROSVELD Frank	EUR (NL)	INT-partner

P7/08 Contemporary physical challenges for Heliospheric and AstRophysical Models (CHARM)

KEPPENS Rony	KULeuven	Coordinator
BAES Maarten	UGent	Partner
KNAEPEN Bernard	ULB	Partner
BERGHMANS David	ORB-KSB	Partner
PIERRARD Viviane	IASB-BIRA	Partner
PORTEGIES ZWART Simon	LU (NL)	INT-partner
THEUNS Tom	UoD (UK)	INT-partner

P7/09 COmparing Regionality and Sustainability in Pisidia, Boeotia, Picenum and NW Gaul between Iron and Middle Ages (1,000 BC-AD 1,000) (CORES)

POBLOME Jeroen	KULeuven	Coordinator
VERMEULEN Frank	UGent	Partner
VERSLYPE Laurent	UCL	Partner
VAN HEESCH Johan	BR-KB	Partner
VERSTRAETEN Gert	KULeuven	Partner
VAN NEER Wim	IRSNB-KBIN	Partner
BINTLIFF John	LU (NL)	INT-partner

P7/10 Molecular and Cellular Mechanisms of Electrical Excitability in the Heart and Central Nervous System (ElecXite)

SIPIDO Karin R.	KULeuven	Coordinator
TYTGAT Jan	KULeuven	Partner
SEUTIN Vincent	ULg	Partner
LEYBAERT Luc	UGent	Partner
RIGO Jean-Michel	UHasselt	Partner
SCHIFFMANN Serge	ULB	Partner
VOS Marc	UMCU (NL)	INT-partner
MARRION Neil	Univ. Bristol (UK)	INT-partner
SCHULZ Rainer	JLU (D)	INT-partner

P7/11 Integrated cerebral networks for perception, cognition and action in human and non-human primates (CEREBNET)

VANDUFFEL Wim	KULeuven	Coordinator
VANDENBERGHE Rik	KULeuven	Partner
SWINNEN Stephan	KULeuven	Partner
SALMON Eric	ULg	Partner
MULLER Robert	UMONS	Partner
FIAS Wim	UGent	Partner
SIJBERS Jan	UA	Partner
RIZZOLATTI Giacomo	UNIPR (I)	INT-partner
BENALI Habib	INSERM-UPMC (F)	INT-partner

P7/12 The Belgian Research Initiative on eXotic nuclei for atomic, nuclear and astrophysics studies (BriX)

VAN DUPPEN Piet	KULeuven	Coordinator
DESCOUVEMONT Pierre	ULB	Partner
JACHOWICZ Natalie	UGent	Partner
POPESCU Lucia	CEN-SCK	Partner
BASTIN Thierry	ULg	Partner
SCHEIDENBERGER Christoph	GSI (D)	INT-partner
THOMAS Jean-Charles	GANIL (F)	INT-partner
JOLIE Jan	UNIKOELN (D)	INT-partner
DUGUET Thomas	CEA (F)	INT-partner

P7/13 Integration of Cellular signaling Pathways in health and disease (ICePath)

VOETS Thomas	KULeuven	Coordinator
BOLLEN Mathieu	KULeuven	Partner
TAVERNIER Jan	UGent	Partner
RIDER Mark	UCL	Partner
DEQUIEDT Franck	ULg	Partner
BOOTMAN Martin	Brabham Inst. (UK)	INT-partner
POTENTE Michael	ICVR (D)	INT-partner

P7/14 Greater Mesopotamia: Reconstruction of its Environment and History (GMREH)

GUBEL Eric	MRAH-KMKG	Coordinator
BAETEMAN Cecile	IRSNB-KBIN	Partner
ABRAHAM Kathleen	KULeuven	Partner
TAVERNIER Jan	UCL	Partner
NIEDERREITER Zoltan	ELTE BTK (HU)	INT-partner
KANIEWSKI David	UPS (F)	INT-partner
JOANNÈS Francis	Univ-Paris 1 (F)	INT-partner
ENGLUND Robert	UCLA (US)	INT-partner

P7/15 Planets: Tracing the Transfer, Origin, Preservation, and Evolution of their ReservoirS (PLANET TOPERS)

DEHANT Veronique	ORB-KSB	Coordinator
VANDAELE Ann Carine	IASB-BIRA	Partner
CLAEYS Philippe	VUB	Partner
VANHAECKE Frank	UGent	Partner
JAVAUX Emmanuelle	ULg	Partner
DEBAILLE Vinciane	ULB	Partner
SPOHN Tilman	DLR (D)	INT-partner

P7/16 An integrated approach towards understanding the pathogenesis of neurodegeneration (NEUROBRAINNET)

VAN BROECKHOVEN Christine	UA	Coordinator
DE STROOPER Bart	KULeuven	Partner
DE DEYN Peter	UA	Partner
ROBBERECHT Wim	KULeuven	Partner
OCTAVE Jean-Noël	UCL	Partner
VAN DUIJN Cornelia M.	Erasmus MC (NL)	INT-partner
SAFTIG Paul	CAU (D)	INT-partner
DERMAUT Bart	IPL (F)	INT-partner
LAMBERT Jean-Charles	IPL (F)	INT-partner

P7/17 Hormones and neuroplasticity: image guided discoveries of molecular mechanisms in neuroplasticity (PLASTOSCINE)

VAN DER LINDEN Annemie	UA	Coordinator
BALTHAZART Jacques	ULg	Partner
DARRAS Veerle	KULeuven	Partner
VAN CRIEKINGE Wim	UGent	Partner
BALL Gregory F.	JHU (US)	INT-partner
GAHR Manfred	MPIO (D)	INT-partner

P7/18 Dynamics, GEometry and Statistical Physics (DYGEST)

BIELIAVSKY Pierre	UCL	Coordinator
GUTT Simone	ULB	Partner
KUIJLAARS Arno	KULeuven	Partner
MATHONET Pierre	ULg	Partner
KOELINK Erik	RUN (NL)	INT-partner
SCHLICHENMAIER Martin	UniLu (L)	INT-partner
BURSZTYN Henrique	IMPA (BR)	INT-partner
OLLA Stefano	UPD (F)	INT-partner

P7/19 Dynamical Systems, Control and Optimization (DYSCO)

BLONDEL Vincent	UCL	Coordinator
ROOSE Dirk	KULeuven	Partner
AEYELS Dirk	UGent	Partner
PINTELON Rik	VUB	Partner
SEPULCHRE Rodolphe	ULg	Partner
VANDE WOUWER Alain	UMONS	Partner
WINKIN Joseph	FUNDP	Partner
BOYD Stephen	Stanford (US)	INT-partner
LEONARD Naomi	Princeton (US)	INT-partner

P7/20 Mechanisms of brain wiring in normal and pathological conditions (WIBRAIN)

GOFFINET Andre	UCL	Coordinator
GIUGLIANO Michele	UA	Partner
HASSAN Bassem	KULeuven	Partner
NGUYEN Laurent	ULg	Partner
VANDERHAEGHEN Pierre	ULB	Partner
REIFF Dierk	UFR (D)	INT-partner
BERNINGER Benedikt	LMU (D)	INT-partner

P7/21 Multiscale mechanics of INTERface dominated MATERials (INTEMATE)

PARDOEN Thomas	UCL	Coordinator
WEVERS Martine	KULeuven	Partner
HABRAKEN Anne-Marie	ULg	Partner
RABET Luc	ERM-KMS	Partner
DEGRIECK Joris	UGent	Partner
GIL SEVILLANO Javier	CEIT (E)	INT-partner
GEERS Marc G.D.	TU/e (NL)	INT-partner
VAN SWYGENHOVEN-MOENS Helena	PSI & EPFL (CH)	INT-partner
FIVEL Marc	INPG (F)	INT-partner

P7/22 Justice & Populations: The Belgian Experience in International Perspective, 1795-2015 (BeJust 2.0.)

ROUSSEAUX Xavier	UCL	Coordinator
DE WEVER Bruno	UGent	Partner
VELLE Karel	AGR-ARA	Partner
VAN DOORSLAER Rudi	CEGES-SOMA	Partner
HORVAT Stanislas	ERM-KMS	Partner
TOUSIGNANT Nathalie	FUSL	Partner
LAGROU Pieter	ULB	Partner
ENHUS Els	VUB	Partner
BOUCKAERT Geert	KULeuven	Partner
TIXHON Axel	FUNDP	Partner
SCHOENAERS Frédéric	ULg	Partner
DAUCHY Serge	Lille2/CNRS (F)	INT-partner
WILDT Michael	HU Berlin (D)	INT-partner
VESENTINI Frédéric	UVSQ-CNRS (F)	INT-partner

P7/23 BElgian network on STochastic modelling, analysis, design and optimization of COMmunication systems (BESTCOM)

VANDENDORPE Luc	UCL	Coordinator
BRUNEEL Herwig	UGent	Partner
ROGIER Hendrik	UGent	Partner
MOONEN Marc	KULeuven	Partner
DEBBAH Mérouane	Supélec (F)	INT-partner
TIJHUIS Anton	TU/e (NL)	INT-partner
BOXMA Onno J.	TU/e (NL)	INT-partner

P7/24 The SOil system under GLObal change (SOGLO)

VAN WESEMAEL Bas	UCL	Coordinator
GOVERS Gerard	KULeuven	Partner
MEIRE Patrick	UA	Partner
BOECKX Pascal	UGent	Partner
TRUMBORE Susan	MPI (D)	INT-partner
BOIX FAYOS Carolina	CEBAS-CSIC (E)	INT-partner
VANDERBORGHT Jan	FZJ (D)	INT-partner
KLEMEDTSSON Leif	UGOT (S)	INT-partner

P7/25 Microbial Resource Management (MRM) in engineered and natural ecosystems (μ -manager)

BOON Nico	UGent	Coordinator
AGATHOS Spiros	UCL	Partner
SPRINGAEL Dirk	KULeuven	Partner
WATTIEZ Ruddy	UMONS	Partner
HAMMES Frederik	Eawag (CH)	INT-partner
SMETS Barth	DTU (DK)	INT-partner
SORENSEN Soren J.	KU (DK)	INT-partner

P7/26 City and Society in the Low Countries (ca. 1200-ca. 1850). The "condition urbaine": between resilience and vulnerability

BOONE Marc	UGent	Coordinator
AERTS Erik	KULeuven	Partner
BLONDÉ Bruno	UA	Partner
PARMENTIER Isabelle	FUNDP	Partner
DELIGNE Chloé	ULB	Partner
WINTER Anne	VUB	Partner
BRACKE Wouter	BR-KB	Partner
VAN SPRANG Sabine	MRBAB-KMSKB	Partner
POLLMANN Judith	LU (NL)	INT-partner
PRAK Maarten	UU (NL)	INT-partner

P7/27 The Global Challenge of Human Rights Integration: Toward a Users' Perspective (HRI)

BREMS Eva	UGent	Coordinator
BRIBOSIA Emmanuelle	ULB	Partner
DE HERT Paul	VUB	Partner
DE FEYTER Koen	UA	Partner
VAN DROOGHENBROECK Sébastien	FUSL	Partner
OOMEN Barbara	UU (NL)	INT-partner

P7/28 Role of developmental processes in the virulence of human pathogens: from molecular mechanisms to novel therapeutic targets (MICRODEV)

COENYE Tom	UGent	Coordinator
VAN DIJCK Patrick	KULeuven	Partner
LETESSON Jean-Jacques	FUNDP	Partner
VAN MELDEREN Laurence	ULB	Partner
HOLS Pascal	UCL	Partner
JABRA-RIZK Mary Ann	UMD (US)	INT-partner

P7/29 Growth and development of higher plants (MARS)

INZÉ Dirk	UGent	Coordinator
PÉRILLEUX Claire	ULg	Partner
BOUTRY Marc	UCL	Partner
BEEMSTER Gerrit	UA	Partner
BENNETT Malcolm	UoN (UK)	INT-partner

P7/30 Importance and interaction of allergy, infections and respiratory environmental exposures in chronic lower & upper airway diseases (AIREWAY II)

JOOS Guy	UGent	Coordinator
BACHERT Claus	UGent	Partner
NEMERY Benoit	KULeuven	Partner
LOUIS Renaud	ULg	Partner
ADCOCK Ian	ICL (UK)	INT-partner
VÖLKER Uwe	EMAUG (D)	INT-partner

P7/31 Aquatic systems under multiple Stress: a new paradigm integrating aquaculture and ecotoxicology research (AquaStress)

SORGELOOS Patrick	UGent	Coordinator
BLUST Ronny	UA	Partner
SMOLDERS Erik	KULeuven	Partner
KESTEMONT Patrick	FUNDP	Partner
LARONDELLE Yvan	UCL	Partner
VAN DEN BRINK Paul	WU (NL)	INT-partner
TORT Lluís	UAB (E)	INT-partner

P7/32 Molecular Signaling in Cell Death and Inflammation: an integrative approach from basic mechanisms to disease models (DISCOBEL)

VANDENABEELE Peter	UGent	Coordinator
PIETTE Jacques	ULg	Partner
AGOSTINIS Patrizia	KULeuven	Partner
KALAI Michaël	ISP-WIV	Partner
FULDA Simone	GUF (D)	INT-partner
SAMALI Afshin	NUIG (IRL)	INT-partner

P7/33 Mechanisms of conscious and unconscious learning (COOL)

CLEEREMANS Axel	ULB	Coordinator
DE HOUWER Jan	UGent	Partner
BECKERS Tom	KULeuven	Partner
ROSSION Bruno	UCL	Partner
HAGGARD Patrick	UCLondon (UK)	INT-partner
DIENES Zoltan	USussex (UK)	INT-partner

P7/34 Physical chemistry of Plasma-Surface Interaction (PSI)

DELPLANCKE Marie-Paule	ULB	Coordinator
BOGAERTS Annemie	UA	Partner
DELCORTE Arnaud	UCL	Partner
SNYDERS Rony	UMONS	Partner
VAN DIJK Jan	TU/e (NL)	INT-partner
MINEA Tiberiu	U-Psud (F)	INT-partner

P7/35 Photonics@be: towards smart photonics in 2020

EMPLIT Philippe	ULB	Coordinator
NEYTS Kristiaan	UGent	Partner
HENS Zeger	UGent	Partner
BAETS Roel	UGent	Partner
MEGRET Patrice	UMONS	Partner
THIENPONT Hugo	VUB	Partner
BENTE Erwin	TU/e-COBRA (NL)	INT-partner
TAKI Abdelmajid	USTL (F)	INT-partner
SCIAMANNA Marc	Supélec (F)	INT-partner

P7/36 Combinatorial Optimization: Metaheuristics and EXact methods (COMEX)

FORTZ Bernard	ULB	Coordinator
CRAMA Yves	ULg	Partner
JANSSENS Gerrit	UHasselt	Partner
SÖRENSEN Kenneth	UA	Partner
SPIEKSMa Frits	KULeuven	Partner
STÜTZLE Thomas	ULB	Partner
VAN VYVE Mathieu	UCL	Partner
VAN HOESEL Stan	MU (NL)	INT-partner
GENDRON Bernard	UdeM (CA)	INT-partner

P7/37 Fundamental interactions: at the boundary of theory, phenomenology and experiment (F-I.be)

FRÈRE Jean-Marie	ULB	Coordinator
BRUNO Giacomo	UCL	Partner
CLERBAUX Barbara	ULB	Partner
MALTONI Fabio	UCL	Partner
SEVRIN Alexander	VUB	Partner
VAN REMORTEL Nick	UA	Partner
VAN PROEYEN Antoine	KULeuven	Partner
RYCKBOSCH Dirk	UGent	Partner
ABEL Steven	UoD (UK)	INT-partner
AUGÉ Etienne	LAL (F)	INT-partner
DE GROOT Nicolo	NIKHEF (NL)	INT-partner
RUBAKOV Valery	INR RAS (RU)	INT-partner

P7/38 Microfluidics and micromanipulation: multi-scale applications of surface tension (micro-MAST)

LAMBERT Pierre	ULB	Coordinator
VERMANT Jan	KULeuven	Partner
DORBOLO Stéphane	ULg	Partner
DE CONINCK Joël	UMONS	Partner
BICO José	CNRS (F)	INT-partner

P7/39 T lymphocytes: from basic biology to immunotherapy (T-TIME)

LEO Oberdan	ULB	Coordinator
THIELEMANS Kris	VUB	Partner
COULIE Pierre	UCL	Partner
RENAULD Jean-Christophe	UCL	Partner
BUREAU Fabrice	ULg	Partner
VANDEKERCKHOVE Bart	UGent	Partner
LISTON Adrian	KULeuven	Partner
HELLINGS Niels	UHasselt	Partner
VINUESA Carola G.	ANU (AU)	INT-partner
FIGDOR Carl G.	RUN (NL)	INT-partner

P7/40 G Protein-Coupled Receptors: from structures to functionally validated targets (GPCRs)

PARMENTIER Marc	ULB	Coordinator
THEVELEIN Johan	KULeuven	Partner
VAN DAMME Jozef	KULeuven	Partner
STEYAERT Jan	VUB	Partner
SOZZANI Silvano	UNIBS (I)	INT-partner

P7/41 Tolerance and Resistance to parasite Infection: Trypanosomatidae as paradigm (TRIT)

VANHOLLEBEKE Benoit	ULB	Coordinator
DE BAETSELIER Patrick	VUB	Partner
VAN DEN ABBEELE Jan	IMT-ITG	Partner
DUJARDIN Jean-Claude	IMT-ITG	Partner
BOSHART Michael	LMU (D)	INT-partner
RYFFEL Bernhard	CNRS (F)	INT-partner

P7/42 If not for Profit, for What? And How? Building interdisciplinary and integrated knowledge on social entrepreneurship and social enterprise (SOCENT)

DEFOURNY Jacques	ULg	Coordinator
HUDON Marek	ULB	Partner
JEGERS Marc	VUB	Partner
NYSSSENS Marthe	UCL	Partner
YOUNG Dennis	GSU (US)	INT-partner
BORZAGA Carlo	UNITN (I)	INT-partner
BEN-NER Avner	UMN (US)	INT-partner
HOCKERTS Kai	CBS (DK)	INT-partner

P7/43 Belgian Medical Genomics Initiative (BeMGI)

GEORGES Michel	ULg	Coordinator
MATTHIJS Gert	KULeuven	Partner
VERMEIRE Severine	KULeuven	Partner
VIKKULA Miikka	UCL	Partner
DE PAEPE Anne	UGent	Partner
FRANCHIMONT Denis	ULB	Partner
VAN CAMP Guy	UA	Partner
VAN OMMEN Gert-Jan B.	LUMC (NL)	INT-partner
VISSCHER Peter	UQ (AU)	INT-partner

P7/44 Integrative PROtein Science: from small molecules to complex biological systems (IPROS)

JORIS Bernard	ULg	Coordinator
DEVREESE Bart	UGent	Partner
SOUMILLION Patrice	UCL	Partner
BRASSEUR Robert	ULg	Partner
HERDEWIJN Piet	KULeuven	Partner
SCHOOFS Liliane	KULeuven	Partner
REDFIELD Christina	UOXF (UK)	INT-partner
MENGIN-LECREULX Dominique	U-Psud (F)	INT-partner
VAN WEZEL Gilles	LU (NL)	INT-partner

P7/45 Virus – host interplay at the early stages of infection (BELVIR)

VANDERPLASSCHEN Alain	ULg	Coordinator
MAST Jan	CERVA-CODA	Partner
NAUWYNCK Hans	UGent	Partner
DEBYSER Zeger	KULeuven	Partner
MICHIELS Thomas	UCL	Partner
WILLEMS Luc	ULg	Partner
STEVENSON Philip G.	U. Cambridge (UK)	INT-partner

P7/46 Participation and Representation. A comparative study of linkage mechanisms between citizens and the political system in contemporary democracies (PartiRep)

DESCHOUWER Kris	VUB	Coordinator
DELWIT Pascal	ULB	Partner
WALGRAVE Stefaan	UA	Partner
HOOGHE Marc	KULeuven	Partner
RIHOUX Benoit	UCL	Partner
ANDEWEG Rudy	LU (NL)	INT-partner
VAN DETH Jan W.	UM (D)	INT-partner

P7/47 Human liver disease: Study of the hepatic stem cells and their niche, and development of novel model systems (HEPRO-2)

ROGIERS Vera	VUB	Coordinator
LEROUX-ROELS Geert	UGent	Partner
LECLERCQ Isabelle	UCL	Partner
ROSKAMS Tania	KULeuven	Partner
ALISON Malcolm	QMUL (UK)	INT-partner
TRAUTWEIN Christian	UKA (D)	INT-partner