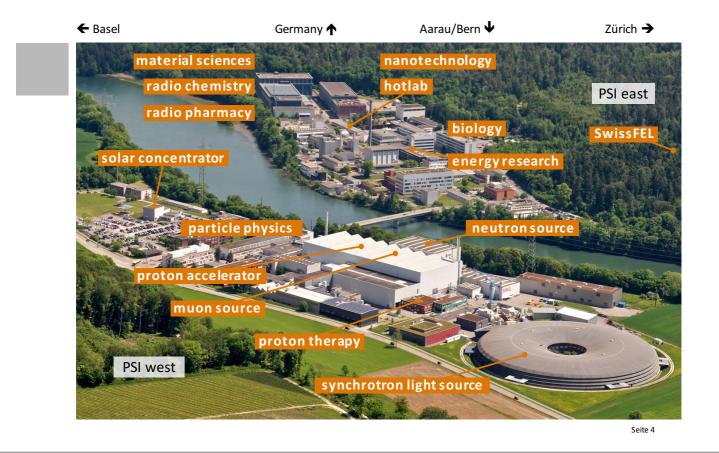


- Studied physics and mathematics at the Swiss Federal Institute of Tech-nology (ETH) Zurich, in Koenigsberg and in Goettingen, Germany
- 1920: professor of experimental physics at ETH Zurich; 1927: Director of the Institute of Physics. Was famous for the clarity of his lectures
- Researched x-ray scattering on crystals, liquids and gases. Later research work was in nuclear physics
- 1946: President of the Swiss Study Commission on Atomic Energy
- Involved in the foundation of CERN

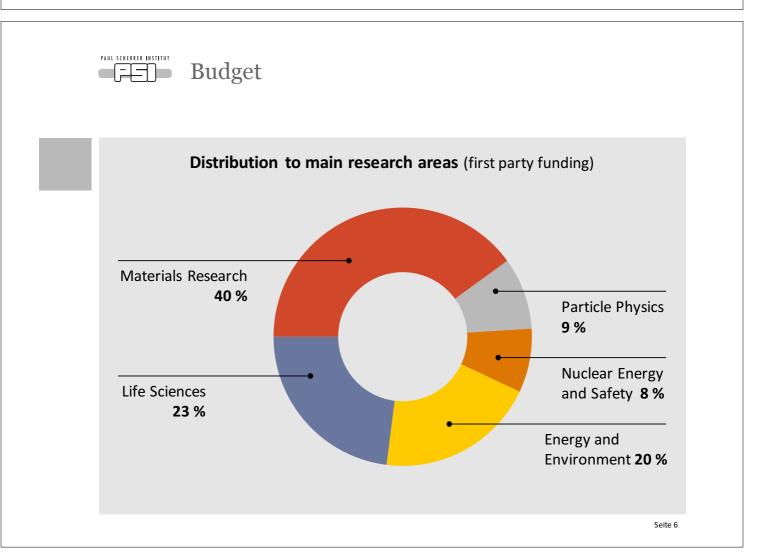
side note: On 1st January 1988, the Swiss Institute for Nuclear Research (SIN) and the Federal Institute for Reactor Research (EIR) were merged to form the Paul Scherrer Institute (PSI).

Seite 3





PAUL SCHERRER INSTITUT	Key figure	es				
ETHZ Swiss Federal Institute of Technology Zurich	EPFL Swiss Federal Institute of Technology Lausanne	PSI Paul Scherrer Institute	Empa Swiss Federal Laboratories for Materials Testing	WSL Swiss Federal Research Institute for Forestry, Snow and Landscape	Eawag Swiss Federal Institute of Aquatic Science and Technology	
PSI funds (g	lobal budget)			27	0 MCHF	
External fur	nding			1(0 MCHF	
Staff			2000			
Externally financed			650			
Doctoral students			330			
Apprentices			100			
External users: people / visits				2300 / 5300 per year		
Number of scientific publications			1200 (1200 (>12.2% high impact) per year		
PSI employe	es with teachi	ng duties at bo	oth ETH and un	iversities 10	0	
Patient visits (proton therapy treatment) 5500					0 per year	
					Seite 5	

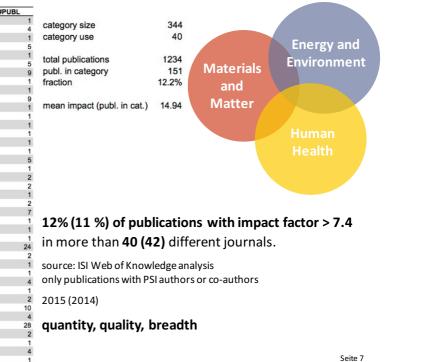


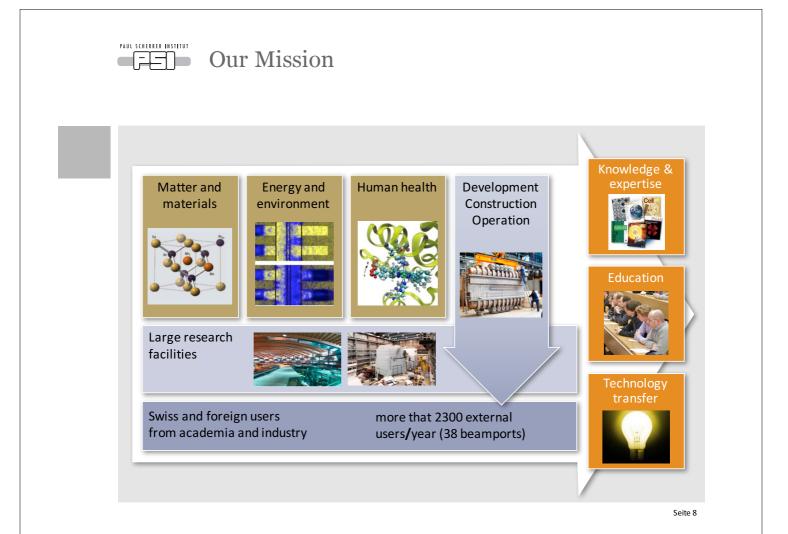


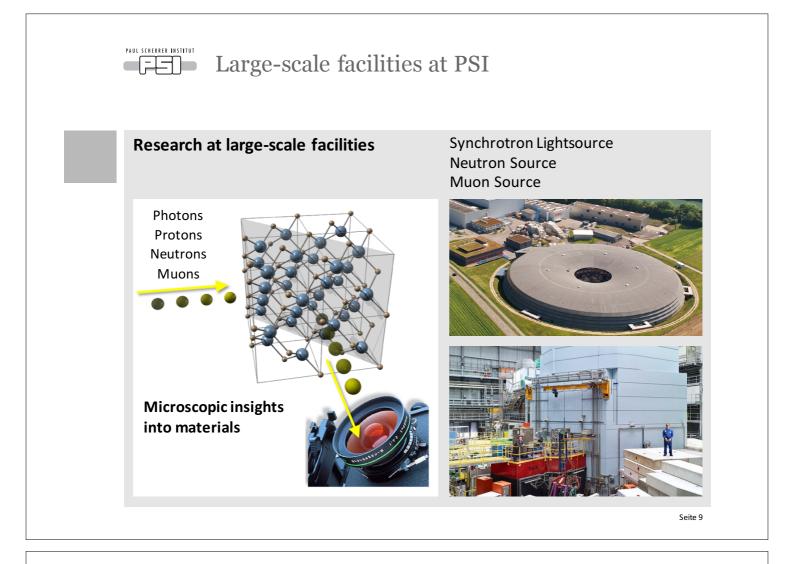
In-house research: excellent publications in various fields

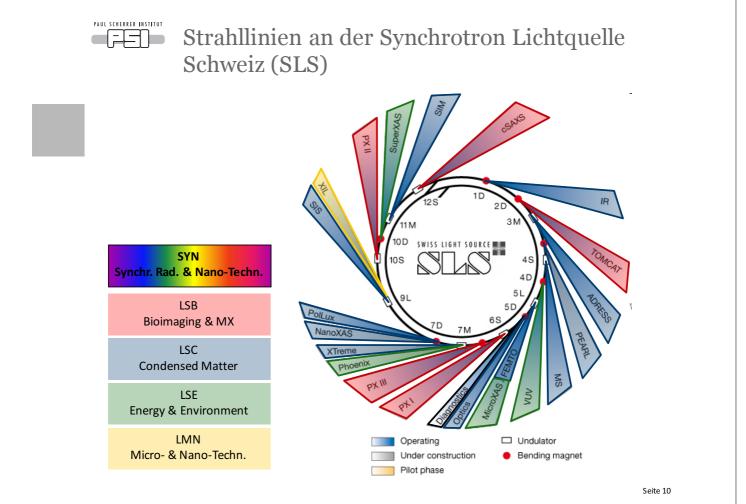
High-impact publications 2015 (with PSI co-author)

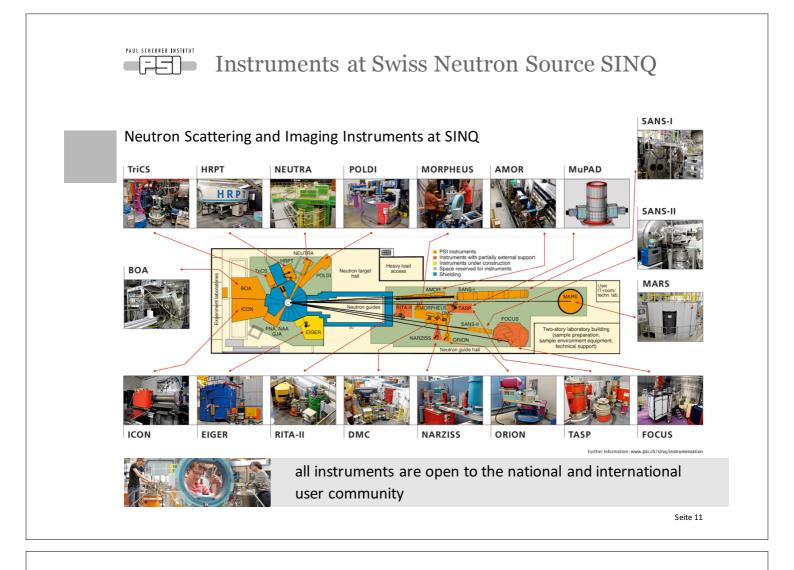
JOURNAL	ISSN	IMPACT	#PUBL
ACCOUNTS CHEM RES	0001-4842	24.373	1
ACS CATAL	2155-5435	9.174	4
ACS NANO	1936-0851	14.412	1
ADV ENERGY MATER	1614-6832	16.581	5
ADV FUNCT MATER	1616-301X	12.311	1
ADV MATER	0935-9648	18.172	5
ANGEW CHEM INT EDIT	1433-7851	12.060	9
ASTRON ASTROPHYS REV	0935-4956	13.872	1
B AM METEOROL SOC	0003-0007	10.666	1
CHEM MATER	0897-4756	9.210	9
CHEM REV	0009-2665	50.679	1
CHEM SCI	2041-6520	9.203	1
CHEMSUSCHEM	1864-5631	8.653	1
COORDIN CHEM REV	0010-8545	13.174	1
CURR OPIN STRUC BIOL	0959-440X	8.077	1
ENERG ENVIRON SCI	1754-5692	19.198	1
J AM CHEM SOC	0002-7863	11.726	5
J AM SOC NEPHROL	1046-6673	9.621	1
J MATER CHEM A	2050-7488	7.449	2
J PHYS CHEM LETT	1948-7185	7.536	2
MOL CELL	1097-2765	15.052	1
NANO LETT	1530-6984	14.887	2
NANOSCALE	2040-3364	7.762	7
NAT CHEM BIOL	1552-4450	14.273	1
NAT CLIM CHANGE	1758-678X	15.462	1
NAT CLIM CHANGE	1758-678X	15.462	1
NAT COMMUN	2041-1723	11.904	24
NAT MATER	1476-1122	44.046	2
NAT METHODS	1548-7091	31.232	1
NAT PHOTONICS	1749-4885	33.413	1
NAT PHYS	1745-2473	19.777	4
NAT REV MOL CELL BIO	1471-0072	41.496	1
NAT STRUCT MOL BIOL	1545-9993	12.479	2
NATURE	0028-0836	41.296	10
P NATL ACAD SCI USA	0027-8424	10.563	4
PHYS REV LETT	0031-9007	7.360	28
PHYS REV X	2160-3308	9.055	2
SCI TRANSL MED	1946-6234	13.845	1
SCIENCE	0036-8075	35.263	4
SMALL	1613-6810	8.646	1



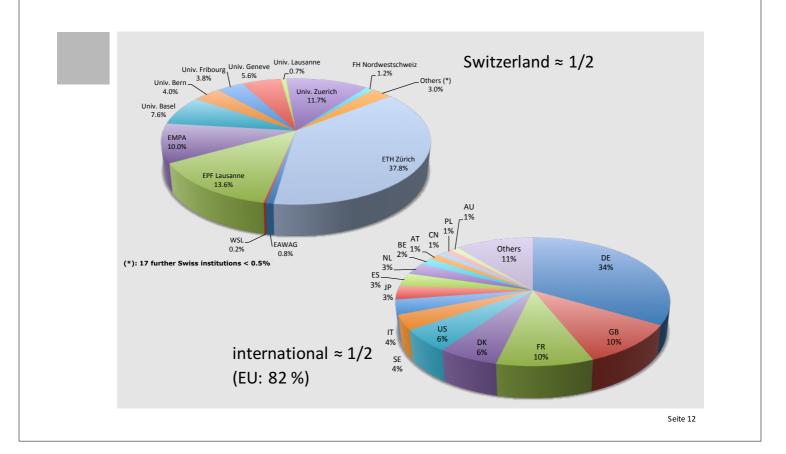


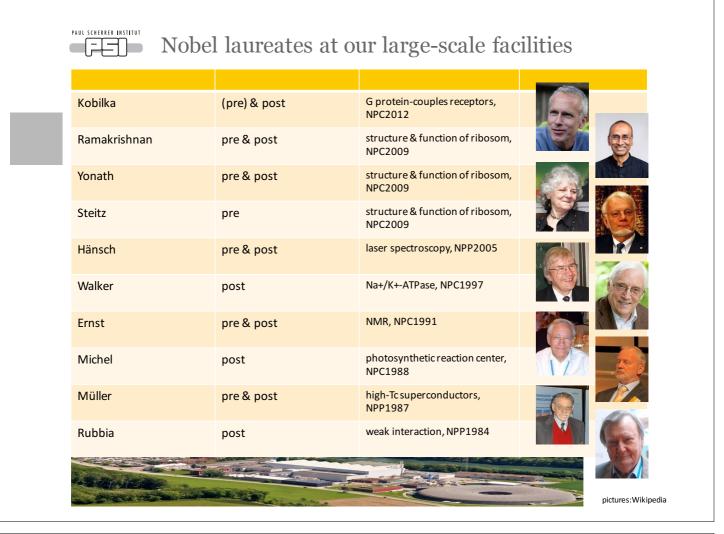






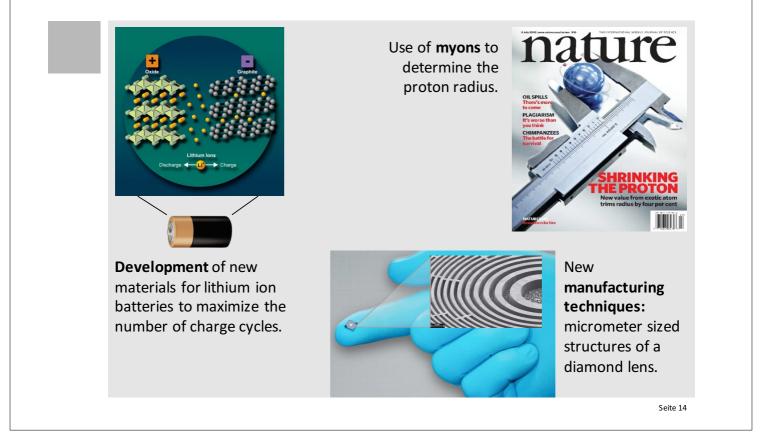








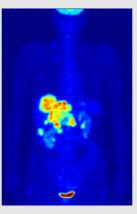
Matter and Materials Research





Outside of cell Light sensor Vitamin A faulty building block Inside of cell

Structure of proteins for the targeted development of new drugs



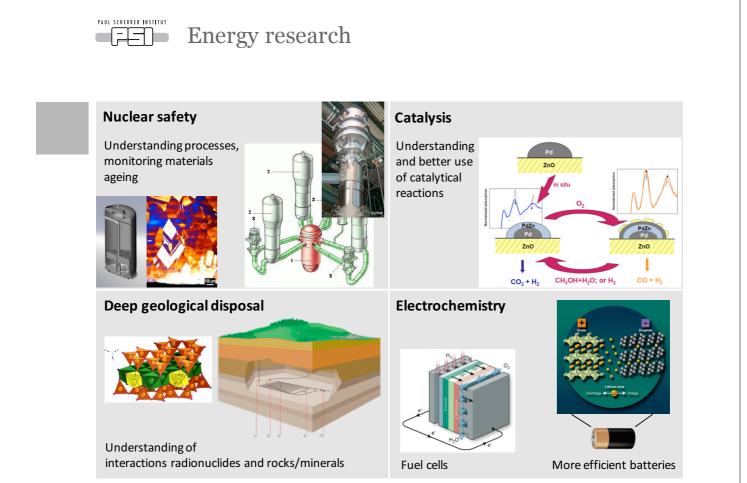
Radio pharmaceuticals for the diagnosis of tumours

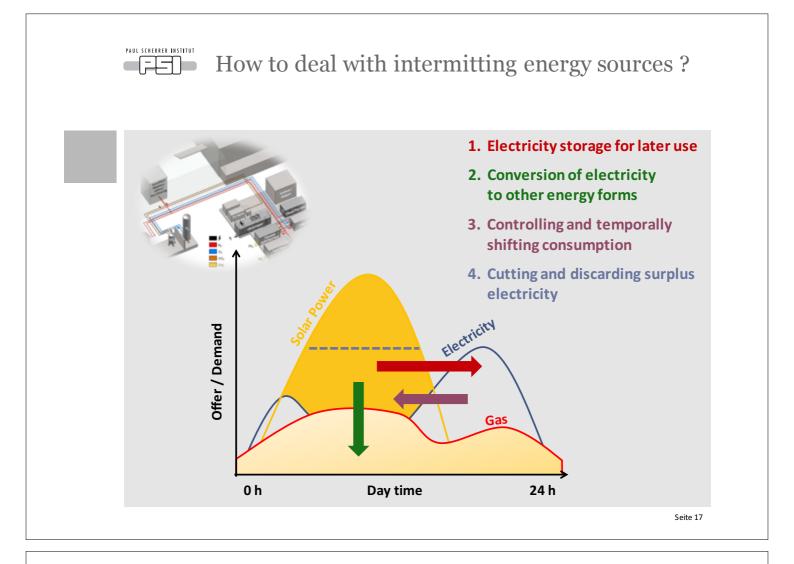


Proton therapy for

- destruction of tumours
- protection of healthy tissue

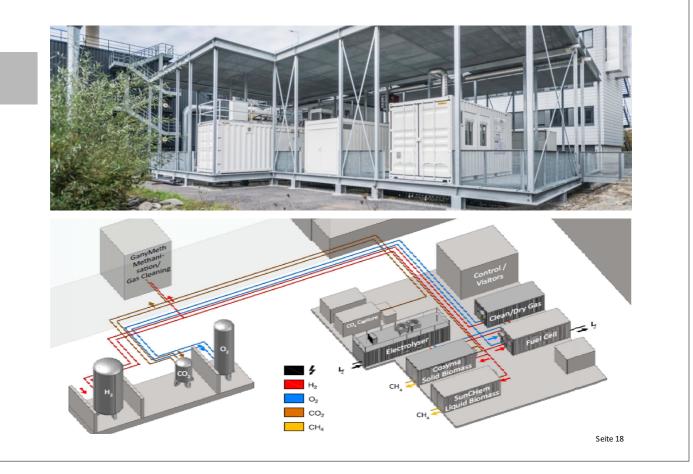
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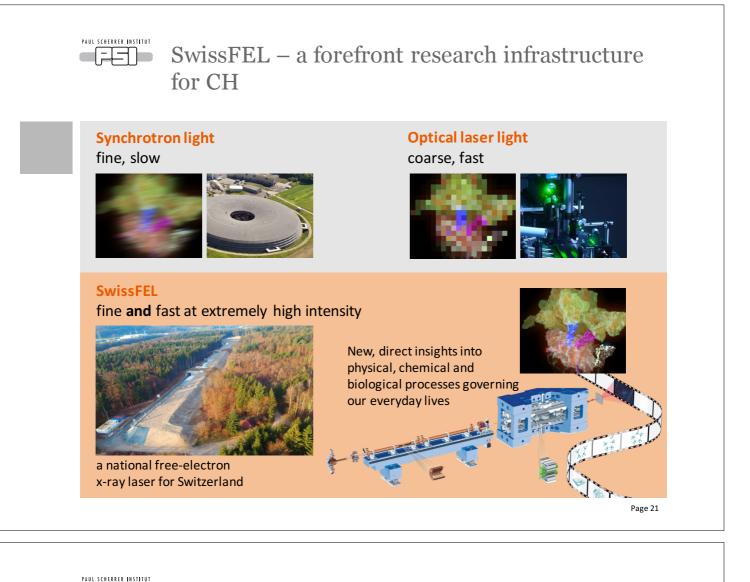




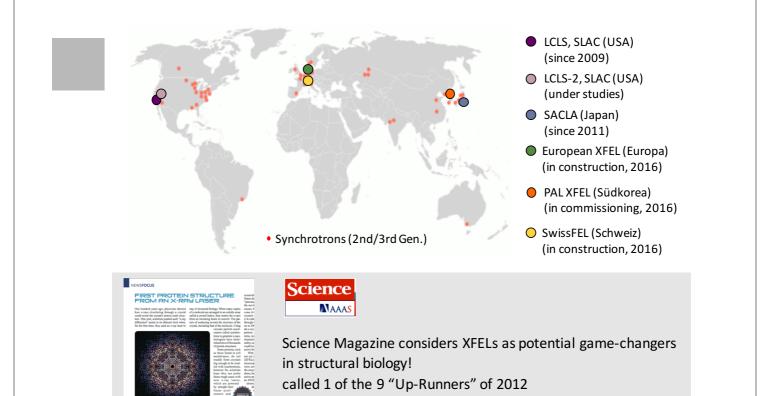
"Energy System Integration" Plattform ESI







X-ray Free Electron Lasers – worldwide



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From molecular photography to molecular movies

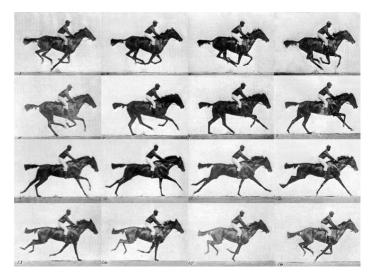
TIME RESOLUTION





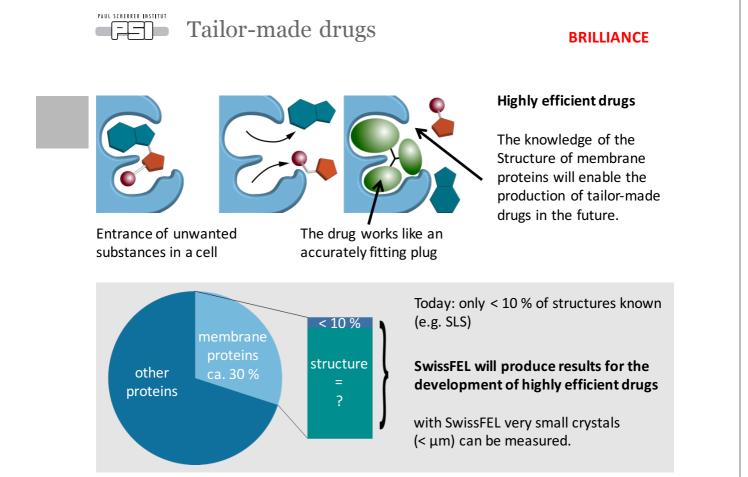
Louis Jacques Mandé Daguerre Portrait of J.B. Sabatier-Blot, 1844 exposure: few minutes

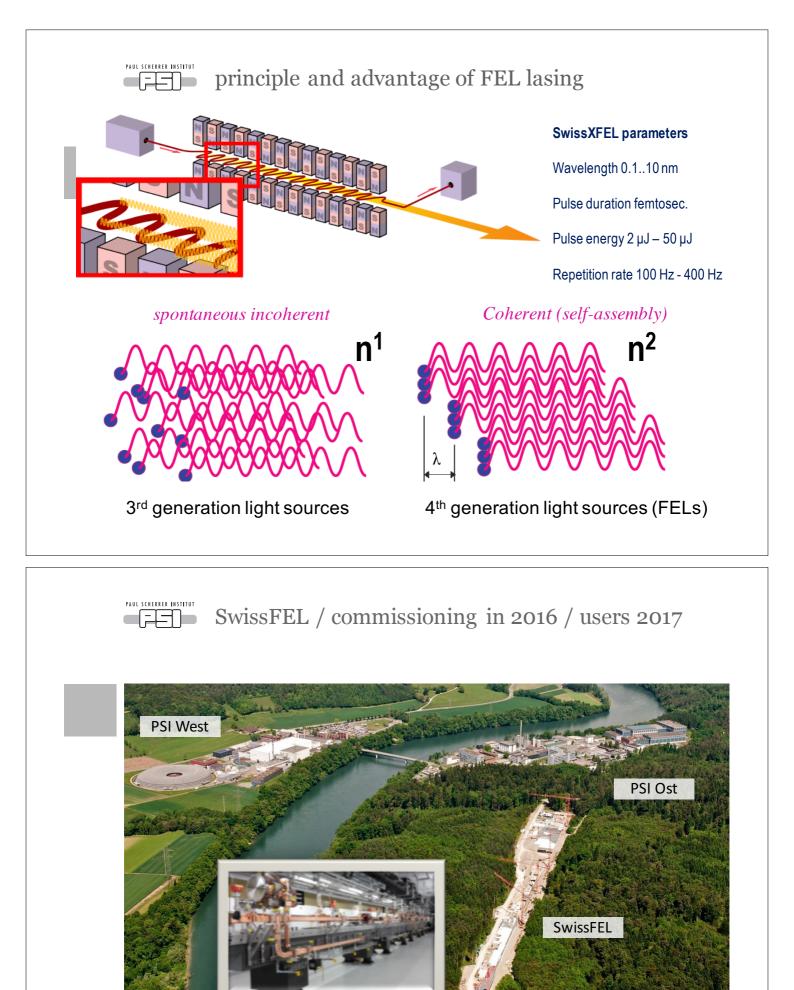
"tomorrow"



Eadweard Muybridge Running Horse, 1872 exposure: few milliseconds

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C-Band Linac Modules in SwissFEL Tunnel

presently 48 out of 104 accelerating structures installed







PSI serving " locally " & " globally " research and industry

