

ICHEP 2020 Prague

JAN HLADKÝ

Institute of Physics CAS, Prague

I was **born in Prague in 1934**. My childhood was connected with locality Rataje nad Sázavou and Bečváry with family rococo palace. Since 1945 I **studied on the secondary school in Kolín**. There my best school subject was atom chemistry. A level was in 1952. Then in 1957 I graduated as an **engineer at the Faculty of Mechanics** of the Agriculture University in Prague. At the same time I studied physics **at the Faculty of Mathematics and Physics of the Charles University in Prague**. **In 1969 I obtained in JINR Dubna PhD**. Since 1957 I was engaged as experimental physicist at the Institute of Physics of the Czechoslovak (later Czech) Academy of Sciences in Prague, in the Department of Cosmic Rays and Subnuclear Physics. I spent first years (1957 to 1961) investigating cosmic rays at the observatories of Lomnický peak (High Tatra) and Prague-Karlov.

In Kolín I visited also many years **courses for arts – drawing, painting and sculpture**. I used it during all my life in the free time making various art objects. It was important mainly during the communistic past when I was controlled since the middle fifties by State security in Czechoslovakia and since the early sixties also by Soviet security KGB up to 1989 Revolution. I had, therefore, no possibility to travel to foreign west countries - even from 1971 to USSR.

Since 1962 I was a visiting scientist in many research centers and universities including the Joint Institute for Nuclear Research -JINR- in Dubna near Moscow (1963-1964, 1966-1970), the University of Warsaw (1962,1965), the Central Research Institute of Physics of the Hungarian Academy of Sciences in Budapest (1971), the CERN Laboratory in Geneva (1988 and 2005-17), the Technical University in Aachen (1990) and DESY Hamburg (from 1990 on). In all these places I participated in experiments on particle accelerators and in the analysis of its data. Since 1970 I took part in electronic experiment on Serpukhov proton accelerator. I was a leader of the group of four physicists participated in our Institute in this experiment. I was also a member of Electronic Committee of the Scientific Council of HEP in JINR Dubna. In Prague I was a member of Scientific Commissions on MFF UK and ČVUT.

I am author or coauthor of more than 200 scientific papers and for my scientific activity I obtained several prestige scientific prices in foreign and our country - see below, page 5-9 and 11 right.

Since 1990 I have lectured on experimental particle physics and related detectors at the Faculty of Mathematics and Physics of the Charles University in Prague and since 1993 also at the Faculty of Nuclear Sciences and Physical Engineering of the Czech Technical University in Prague. In 1993 I became a title DrSc and in 1995 I became eligible for a professorship and I obtained the professor degree in 1997. Up to now I am busy - since 1957 year in the Institute of Physics CAV Prague and now **participate on the experiments in CERN Geneva and DESY Hamburg.**



ОБЪЕДИНЕННЫЙ ИНСТИТУТ ЯДЕРНЫХ ИССЛЕДОВАНИЙ

УЧЕНЫЙ СОВЕТ ОБЪЕДИНЕННОГО ИНСТИТУТА 7 ИЮНЯ 1968 ГОДА ГОДА ПРИСУДИЛ

ПЕРВУЮ ПРЕМИЮ ОБЪЕДИНЕННОГО ИНСТИТУТА ЯДЕРНЫХ ИССЛЕДОВАНИЙ

ГЛАДКОМУ ЯНУ

ЗА РАБОТУ "ПРЕДЛОЖЕНИЕ И РАЗРАБОТКА
НОВОГО МЕТОДА ИЗМЕРЕНИЯ ЭФФЕКТИВНОЙ МАССЫ РЕЗОНАНСОВ
С ПОМОЩЬЮ ДВУХКАНАЛЬНОЙ СИСТЕМЫ СОВМЕСТНО РАБОТАЮЩИХ
ФИЛЬМОВЫХ ИСКРОВЫХ КАМЕР И ЧЕРЕНКОВСКИХ γ -СПЕКТРОМЕТРОВ
И ОБНАРУЖЕНИЕ ЭЛЕКТРОН-ПОЗИТРОННЫХ РАСПАДОВ
ВЕКТОРНЫХ МЕЗОНОВ"

Председатель Ученого совета
Объединенного института ядерных
исследований
— директор Института

Н.Н. Боголюбов

Вице-директор Института

Н. Содном

Вице-директор Института

Х. Христов

Дубна

7 января 1969 г

№ 24



ОБЪЕДИНЁННЫЙ ИНСТИТУТ ЯДЕРНЫХ ИССЛЕДОВАНИЙ



ПОЧЁТНАЯ ГРАМОТА

на г р а ж д а е т с я

Гладки

Ян

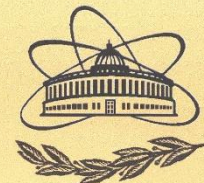
за выдающиеся заслуги перед ОИЯИ и ВБЛВЭ в области развития
и укрепления научно-технического сотрудничества и в связи с
50-летием Лаборатории высоких энергий
имени В.И. Векслера и А.М. Балдина
Объединённого института ядерных исследований

Директор Объединённого института
ядерных исследований
академик РАН

В.Г. Кадышевский

Директор Лаборатории
высоких энергий ОИЯИ
профессор

А.И. Малахов



Prices of JINR Dubna



КОМИТЕТ
ПО ДЕЛАМ ИЗОБРЕТЕНИЙ
И ОТКРЫТИЙ
ПРИ СОВЕТЕ МИНИСТРОВ
СССР



USSR State Price



ДИПЛОМ
НА ОТКРЫТИЕ

В соответствии с Положением об открытиях, изобретениях и рационализаторских предложениях Комитет по делам изобретений и открытий при Совете Министров СССР установил, что гражданин СССР:

ГЛАДКИ Ян
и граждане СССР:

ЖУРАВЛЕВА Лидия Ивановна
ИВАНОВ Владимир Иванович
МАТЮШИН Александр Тарасович
МАТЮШИН Валентин Тарасович
ХАЧАТУРЯН Марлен Нарибеевич
ЧУВИЛО Иван Васильевич
ШТАРКОВ Лоллий Николаевич
ПАНТУЕВ Валерий Семенович
ХВАСТУНОВ Михаил Сергеевич
АЗИМОВ Мирзаджан Абдурахимович
АСТВАЦАТУРОВ Раффи Георгиевич
БАЛДИН Александр Михайлович
БЕЛОУСОВ Анатолий Семенович

сделали открытие, определяемое следующей формулой:

„Экспериментально обнаружено неизвестное ранее явление распада фи-ноль мезона на электрон-позитронную пару, указывающее на существование прямых переходов между фи-ноль мезоном и гамма квантом“.

* *

Настоящее открытие зарегистрировано в Государственном реестре СССР 12 января 1971 года за № 94 с приоритетом — февраль 1967 года.

Председатель Комитета

Ю. Макарев



8. Авг. 1972 г.



20 let

bulletin 3

AKADEMIE VĚD ČR

2013



FOTO: STANISLAVA KYSELOVÁ, AKADEMICKÝ BULLETIN

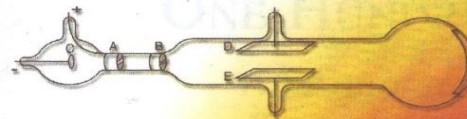
Svatý grál fyziků
v největším
společném evropském
projektu CERN
Higgsův boson
v umělecké představě
Jana Hladkého,
který ve své tvorbě
používá sklo
a materiály ze zbytků
použitých aparatur
různých experimentů

Higgs boson

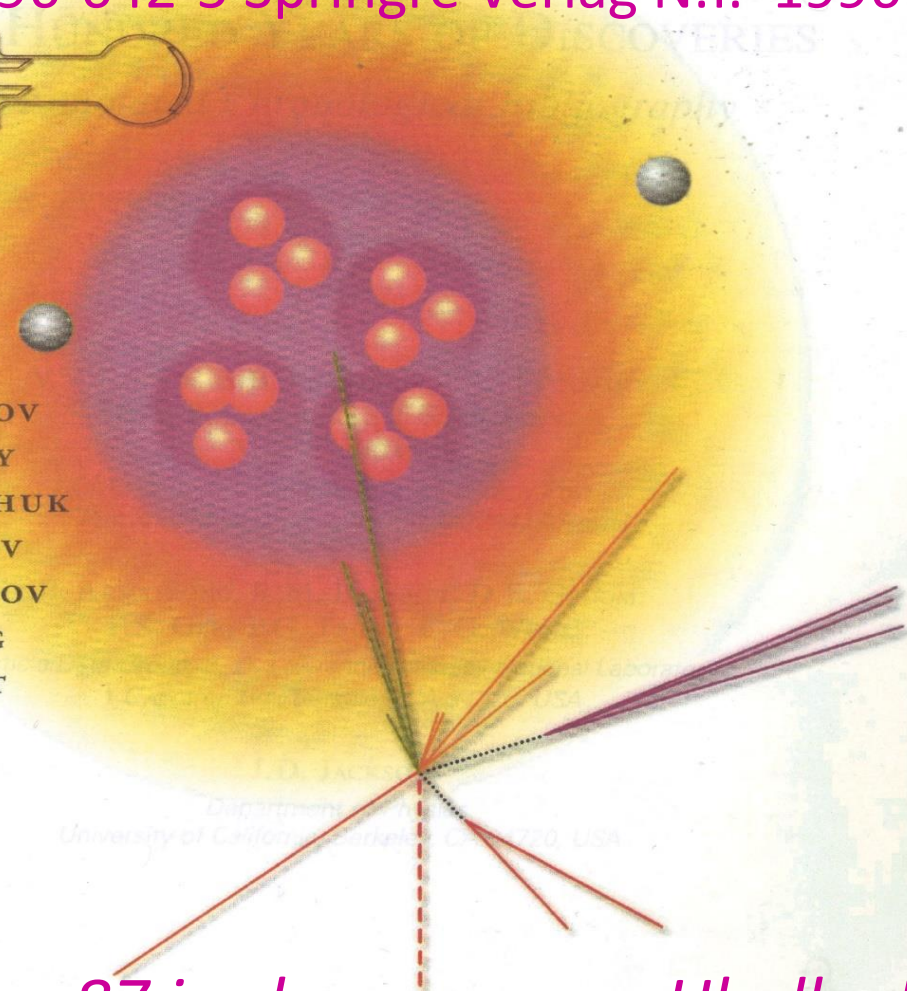
Particle Physics One Hundred Years of Discoveries

AN ANNOTATED CHRONOLOGICAL BIBLIOGRAPHY

ISBN 1-56396-642-5 Springer Verlag N.Y. 1996



V. V. EZHELA
B. B. FILIMONOV
S. B. LUGOVSKY
B. V. POLISHCHUK
S. I. STRIGANOV
Y. G. STROGANOV
B. ARMSTRONG
R. M. BARNETT
D. E. GROOM
P. S. GEE
T. G. TRIPPE
C. G. WOHL
J. D. JACKSON



On the page 87 is also my name Hladky J.

PRESIDIUM ČESKOSLOVENSKÉ AKADEMIE VĚD
UDĚLUJE

RNDr. ANTONÍNU PROKEŠOVI CSc.,
RNDr. JANU HLADKÉMU CSc.,
ING. MIROSLAVU NOVÁKOVI CSc.,
ING. JANU VOTRUBOVI CSc.

VĚDECKÝM PRACOVNÍKŮM
FYZIKÁLNÍHO ÚSTAVU ČSAV

CENU ČSAV

ZA EXPERIMENTÁLNÍ STUDIUM NEUTRÁLNÍCH K-MEZONŮ

Price of the Presidium CSAV

V PRAZE DNE 1. KVĚTNA 1975


PŘEDSEDA ČSAV

Fyzikální vědecká sekce

Jednoty českých matematiků a fyziků

uděluje

oborovou fyzikální medaili II. stupně

Doc. RNDr. Ing. Janu Hladkému, DrSc.

za významný přínos v experimentální fyzice vysokých energií

1999

Ve Zvolenu dne 25.8.1999

Jan Hladký
předseda FVS JČMF

Price of Czechoslovak Math.@Physics Unity



České vysoké učení technické v Praze
Fakulta jaderná a fyzikálně inženýrská

uděluje

Doc. RNDr. Ing. Janu Hladkému, DrSc.

PAMĚTNÍ LIST

k 50. výročí svého založení

1955 - 2005

Hladký
děkan

Price of FNPI Faculty CTU

V Praze dne 27. června 2005

As a visual artist I organized exhibitions of my graphics, paintwork and glass objects in many countries, also during my working stays and scientific conferences, so i.e. in Austria (Vienna) Bulgaria (Varna, Sophia), France (Evian, Marseille, Meribelle), Georgia (Tbilisi), Japan (Sendai, Tsukuba), Germany (Aachen, Berlín/Zeuthen, Hamburg, Leipzig), Russia (Dubna, Moscow, Troick), Slovakia (Bratislava, Smolenice, High Tatra), Spain (Valencia), Switzerland (Geneva), USA (Dallas), United Kingdom (Glasgow) and Czech Republic (Praha, Tábor, Sázava, Rataje nad Sázavou, Bechyně and Liblice). I also took part at collective exhibitions in Czechoslovakia (Brno, Benešov, Kutná Hora, Sázava, Rataje nad Sázavou) and in Germany (Reinbeck). Since 1987 I was a member of the Syndicate of Czechoslovak Fine Artists, Section Glass.

I have illustrated many scientific publications, Conference Proceedings - e.g. see page 11-12 below, my books, lectures for students and my talks for the popularization of scientific physical knowledge of the micro cosmos.

Few photos of my glass sculptures connected to our scientific branch are on page 13-16 below:

→ *I am sure that the science and art belong together.*

Proceedings of the 1987 International Symposium on Lepton and Photon Interactions at High Energies

Hamburg
27-31 July 1987

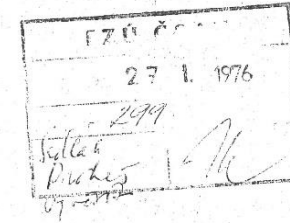
Edited by
Wulfrin BARTEL
and Reinhold RÜCKL

DESY, Hamburg



North-Holland
Amsterdam

PŘEDSEDA ČESKÉ NÁRODNÍ RADY



V Praze dne 22. ledna 1976

Vážení soudruzi,

blahopřeji Vám k udělení ceny Česko-
slovenské akademie věd za rok 1975 a přeji
Vám hodně úspěchů ve Vaší další tvůrčí
vědecké činnosti a plné uspokojení z jejích
výsledků.

Se soudružským pozdravem

Pracovníci Fyzikálního ústavu
Čs. akademie věd
P r a h a

*Congratulation of the President of
Czech National Council to the Price*

NEUTRINO '86

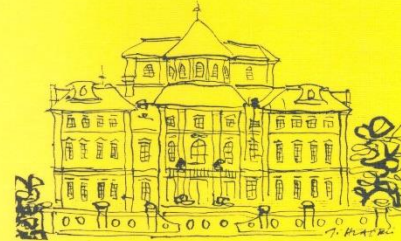
SENDAI
JUNE 3-8, 1986

The 12th International Conference
on Neutrino Physics and Astrophysics

World Scientific

BEAUTY '93

Proceedings of the First International Workshop
on B-Physics at Hadron Machines (UNK B-Workshop)
Liblice Castle, Melnik, Czech Republic, January 18-22, 1993



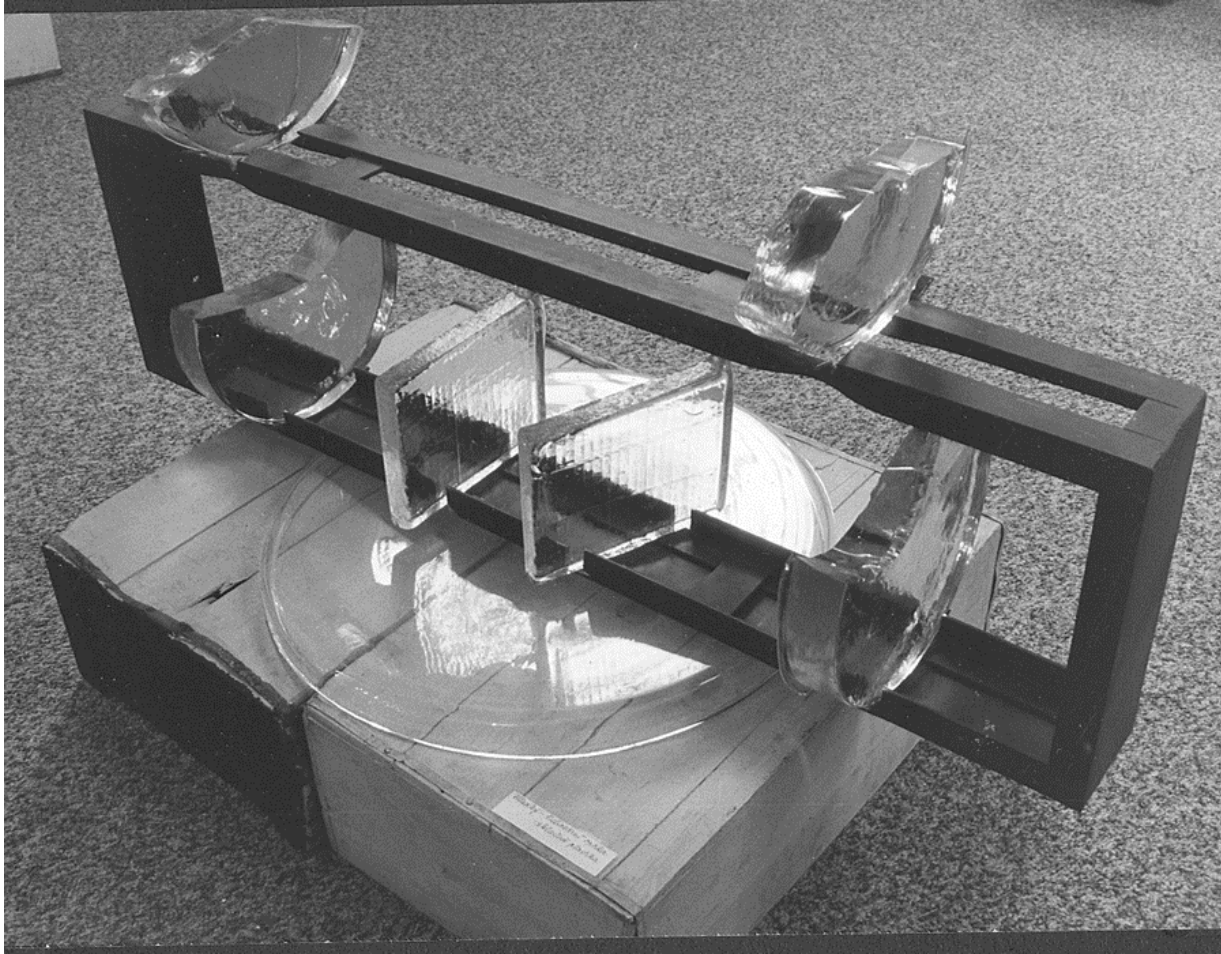
Editor

Peter E. SCHLEIN

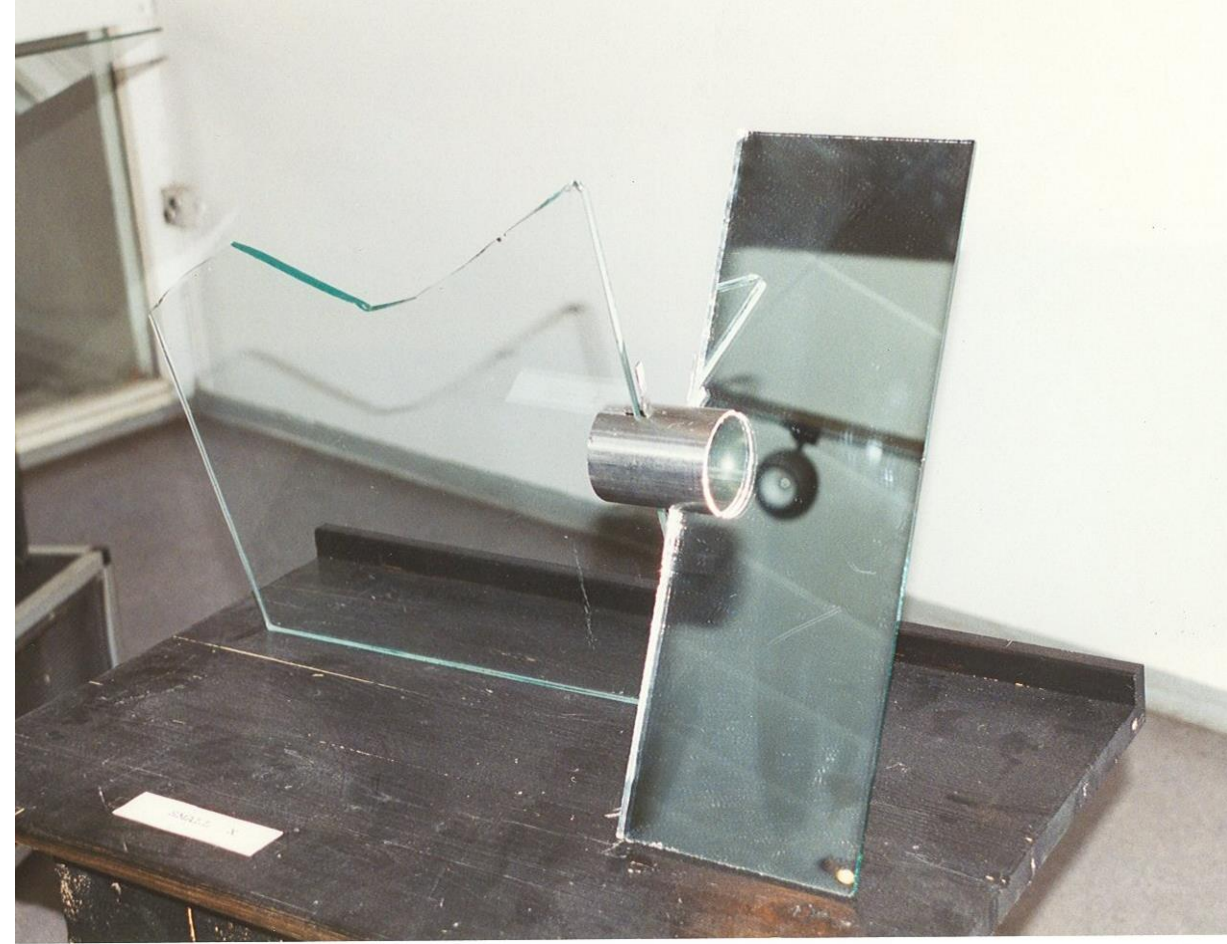
NORTH-HOLLAND



• *Structure of proton*



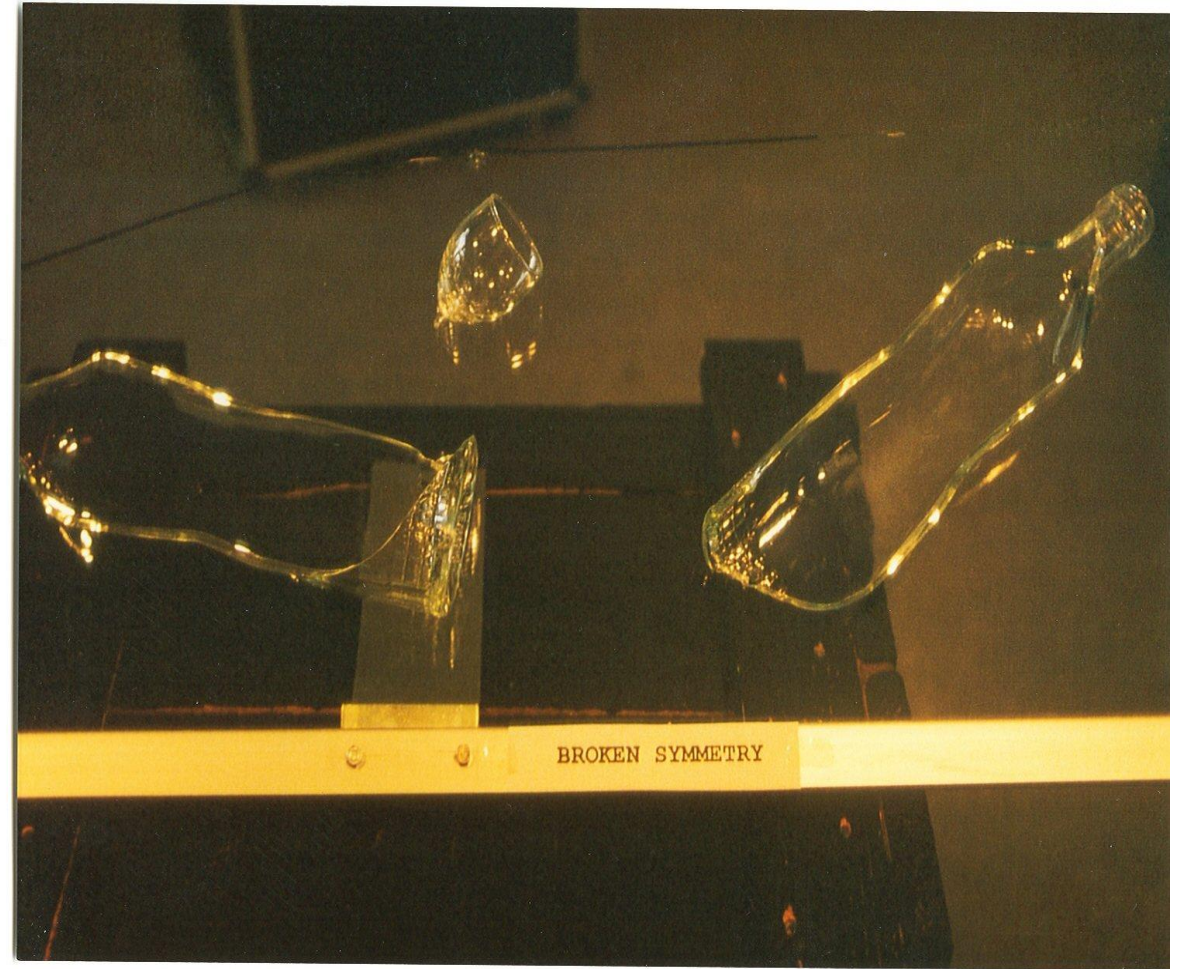
Nonlinear Optics



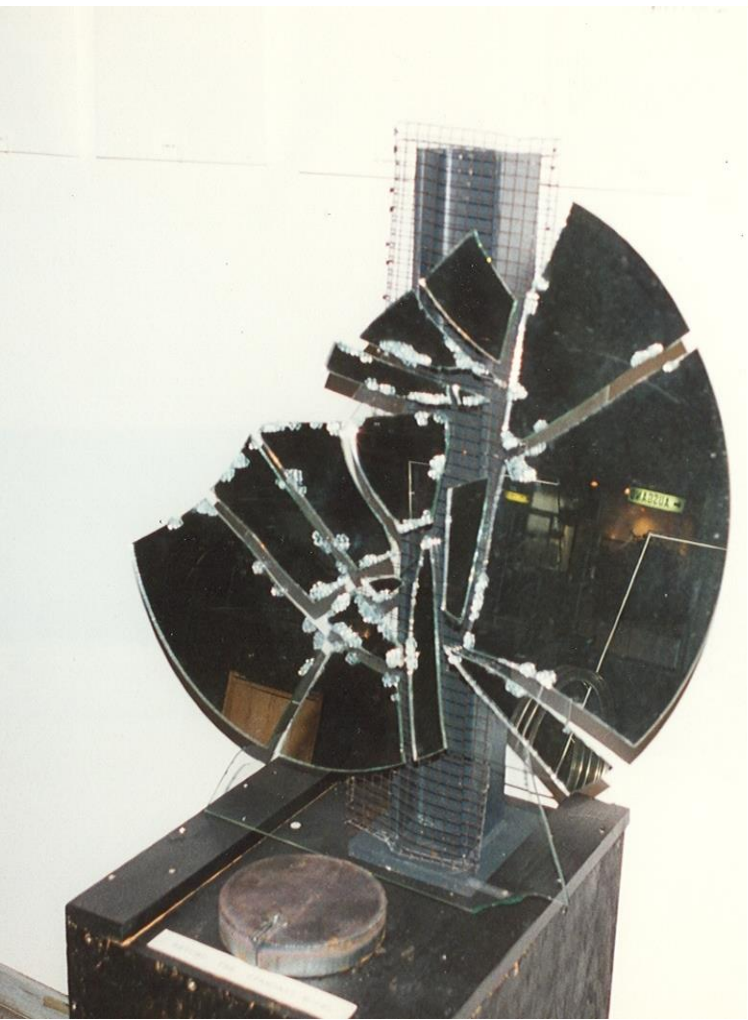
Small x Physics



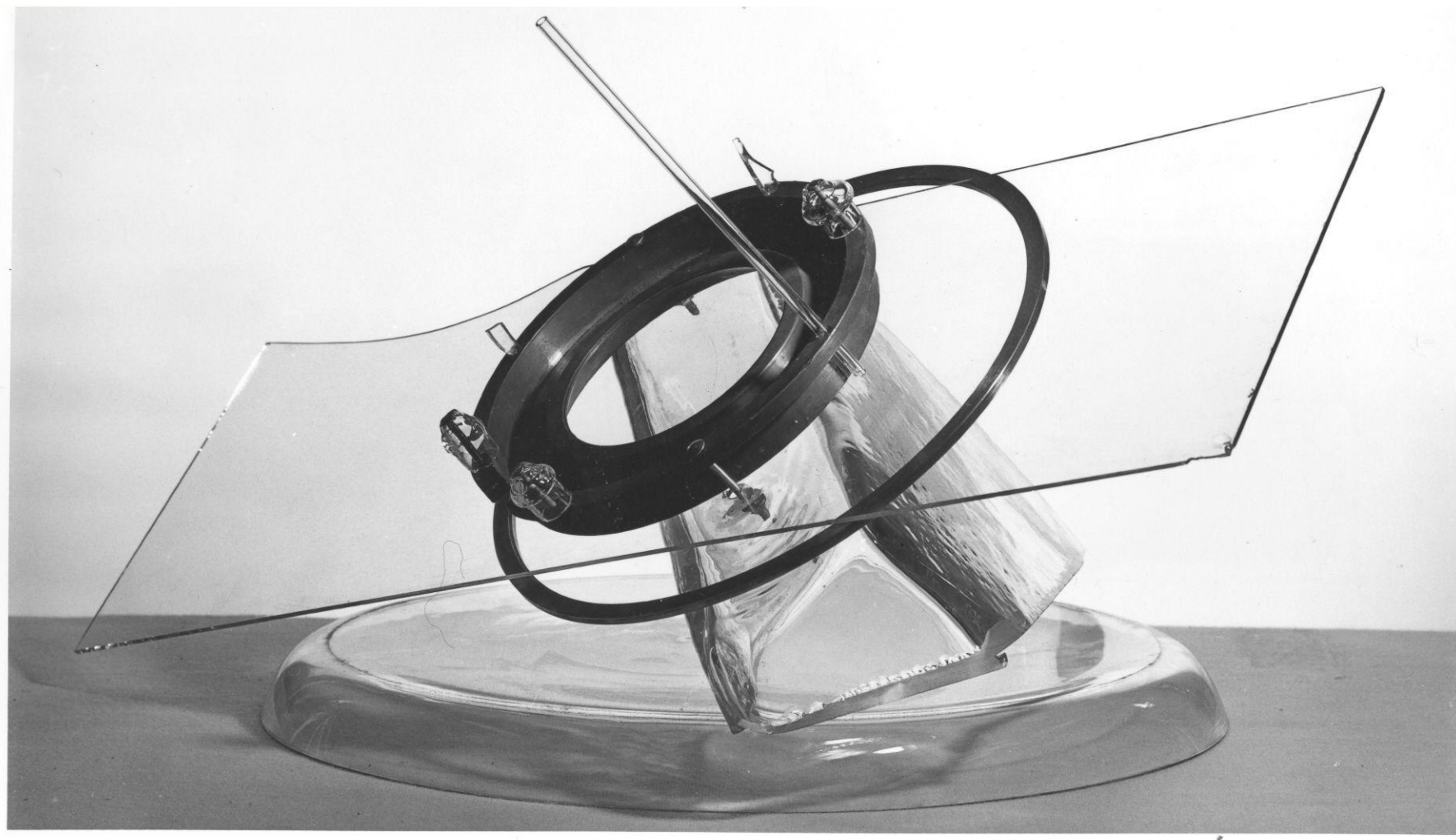
CERN exhibition



Broken Symmetry



SUSY Theory



Astrophysics

For a small PROMENADE through the golden city of PRAGUE

I have elected four historical locations off the city – Hradčany and Vyšehrad, (where on the hills are old castels, St. Vitus and St. Peter and Paul cathedrals) and Old Town and Lesser Town. The mentioned pairs are divided by the river Vltava with Charles Bridge. I present there for you more than 50 my drawings and also two books with my other drawings. One book was edited in Prague and other in Hamburg. *You can see a few drawings, as an exemple, below, page 18-24.*

You will see it all in special division of the ICHEP 2020 Prague Conference.

I thank you for your attention,

Jan Hladký

Prague Castle



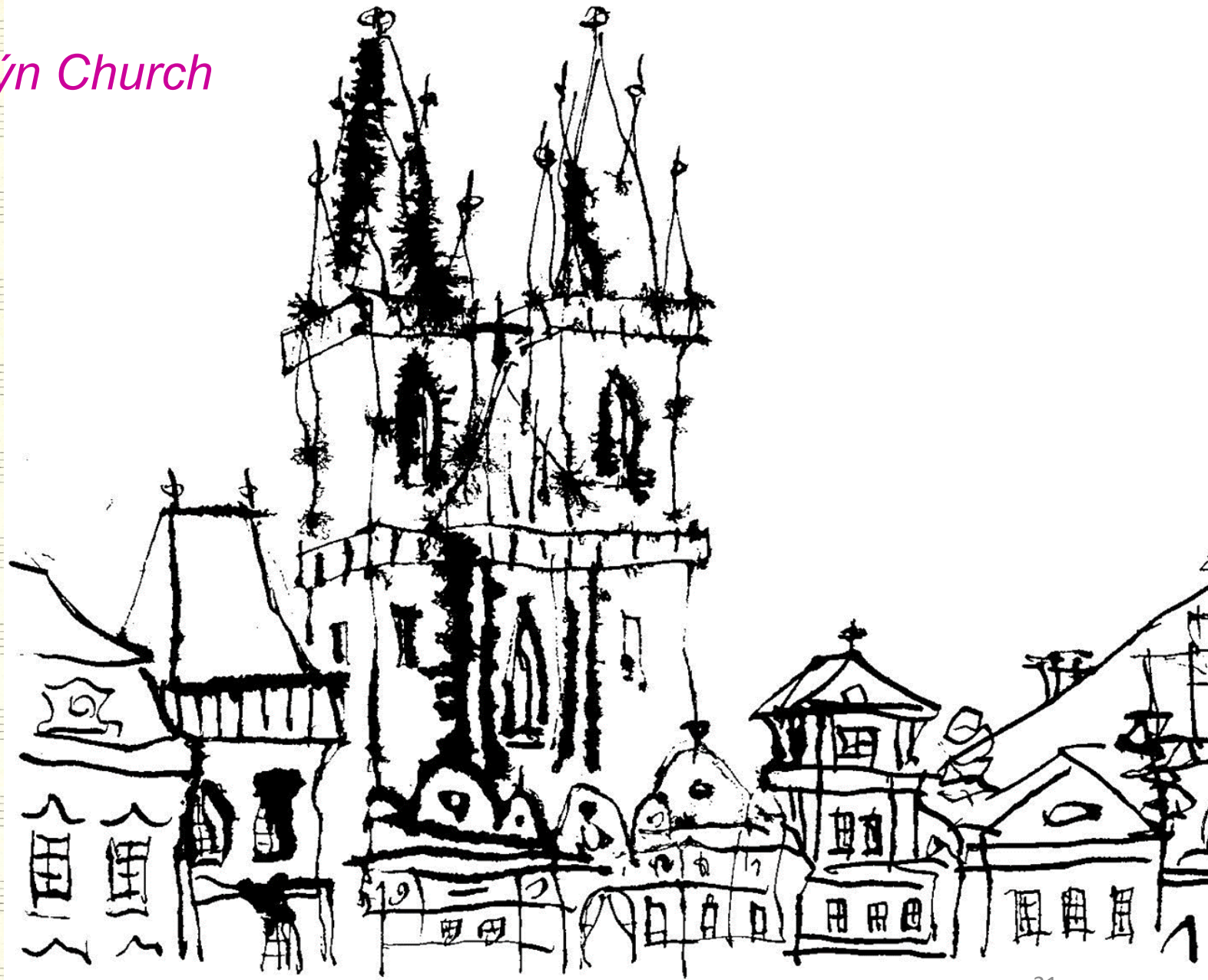
Prague Castle



Vyšehrad



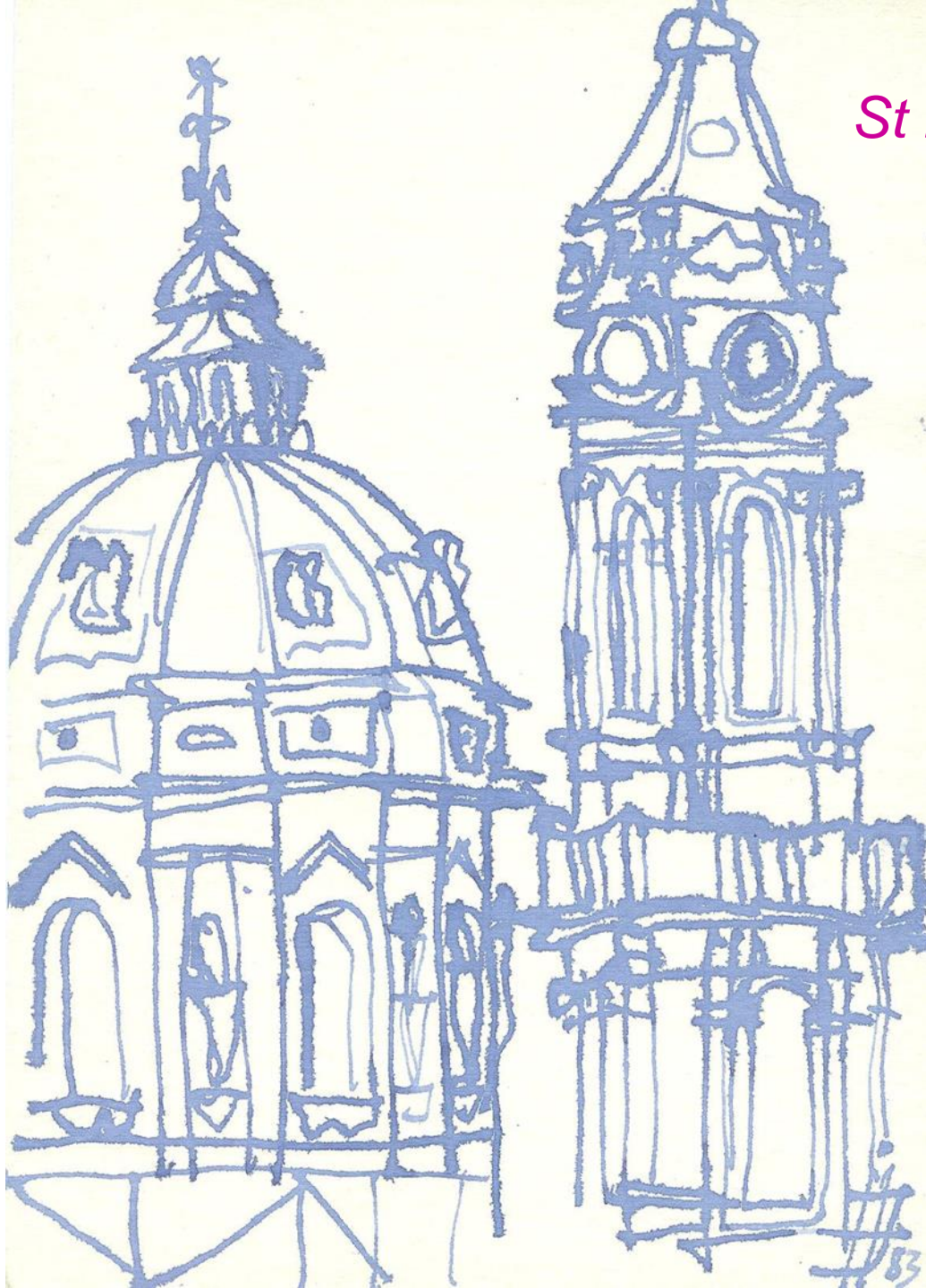
Týn Church





Old – New Synagogue

St Nicolas Church



JAN
HLADKÝ

Paměti kosmika

Fyzikálního
ústavu
ČSAV

ACADEMIA

Jan Hladký



**Tusche
und Glas**

Kresby tuší
a sklo

*China Ink
& Glass*

**Herausgegeben
von**

Vydavatel

Edited by

**Pedro
Waloschek**



Verlag Deutsches Elektronen-Synchrotron
Hamburg