

TMD Monte Carlo workshop 2011

7-8 November 2011, INFN-LNF, Frascati, Italy

[location: Aula A-1, building `Alte Energie`]

<http://www.lnf.infn.it/conference/tmd-mc2011>

Monday 07 November 2011

9.30-11.00

Status of Monte Carlo generators suitable for SIDIS analyses

- | | | |
|------------------------------|--------------|----------|
| - Theory point of view | A. Bacchetta | (30+10)' |
| - Experimental point of view | H. Avakian | (30+10)' |

11.00-11.30 coffee break

11.30-13.00

Monte Carlo generators for TMD extractions – part I:

- | | | |
|-----------|---------------|----------|
| - Compass | G. Sbrizzai | (30+10)' |
| - Hermes | L. Pappalardo | (30+10)' |

Discussion

13.00-15.30 lunch break

15.30-17.00

Discussion round about TMD MC and radiative corrections

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|----------------|---------------|----------|
| - Introduction | I. Akushevich | (30+10)' |
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17.00-17.30 coffee break

17.30-19.00

Monte Carlo generators for TMD extractions –part II:

- | | | |
|----------|-----------|----------|
| - Clas | M. Ungaro | (30+10)' |
| - TMDgen | S. Gliske | (30+10)' |

Discussion round about TMD Monte Carlo tools in use

20:00 workshop dinner

Tuesday 08 November 2011

9.30-11.00

Why a new dedicated TMD MC generator
- Few more TMD generators

H. Avakian
M. Aghasyan

(30+10)'
(30+10)'

11.00-11.30 coffee break

11.30-13.00

Call for multidimensional analyses

- Some considerations on multidimensional ML fits
- MC studies for asymmetries

M. Mirazita
M. Aghasyan

(30+10)'
(30+10)'

13.00-14.30 lunch break

14.30-16.30

Practical MC simulation of DIS processes with important presence of interference and quark transverse spins

A. Bianconi

(30+10)'

Monte Carlo generators for two-hadron analyses, what are the special needs?

- Introduction

S. Pereira, S. Pisano

(30+10)'

Discussion round

16.30-17.00 coffee break

17.00-18.30

Strategy discussion: TMD Monte Carlo for future analyses