F2/EMC Collaboration Meeting – May 2-3 2019

(Jefferson lab)

May 2 2019 – F113

8:30 – 8:40 Welcome – Thia Keppel/Simona Malace

8:40 – 9:10 Data Analysis: Flow, Responsibilities, Status, Highlights, Path going forward – Simona Malace

**Physics Overview**

9:10 – 9:40 PDFs, d/u at large x – Alberto Accardi

9:40 – 10:10 Quark-hadron duality, non-singlet moments – Wally Melnitchouk

10:10 – 10:40 Modeling the inclusive processes with help from exclusive reactions – Viktor Mokeev

10:40 – 11:00 Coffee Break (no catering)

**Data Analysis**

11:00 – 11:30 Timing cuts – Abishek Karki

11:30 – 11:45 Cherenkov Calibration – Abel Sun

11:45 – 12:00 Drift chambers calibrations – Abishek Karki

12:00 – 12:30 BCMs calibration and performance - Deb Biswas

**12:30 – 1:30 Working lunch (supervisors and spokespeople) – Discussion of theses topics/publications**

1:30 – 2:00 Tracking efficiency – Deb Biswas

2:00 – 2:20 Calorimeter cut efficiency – Fernando Araiza-Gonzales/Simona Malace

2:20 – 2:45 Cherenkov cut efficiency – Abishek Karki

2:45 – 3:15 SHMS and HMS optics solutions for F2/EMC – Holly Szumilla-Vance

3:15 – 3:40 Coffee break (no catering)

3:40 – 4:00 Optics studies – Aruni

4:00 – 4:30 D/H ratios – Abel Sun

4:30 – 5:00 D/H ratios and d/u extraction – Ioana Niculescu

5:00 – 5:30 Discussion on publishing ratios, other

May 3 2019 – L102

9:00 – 9:30 EMC effect: all that’s cool about it – Dave Gaskell

9:30 – 9:40 Methodology of cross sections extraction via the bin centering method – Simona Malace

9:40 – 10:00 Methodology of cross sections extraction via the MC ratio method – Eric Christy

10:00 – 10:15 Duality Averaging Method – Eric Christy

10:15 – 10:45 Dead time calculation for F2/EMC – Eric Pooser

10:45 – 11:05 Coffee break (no catering)

11:05 – 11:30 Luminosity studies – Casey Morean

11:30 – 12:00 Modeling and iteration procedure – Eric Christy

12:00 – 12:30 n/p ratios from “Tritium Experiment” – Tong

**12:30 – 2:00 Working lunch (supervisors and spokespeople) – Discussion of theses topics/publications**

2:00 – 2:15 Summary of the working lunches – Simona Malace

2:15 – 3:10 Discussion, Closing remarks – All