



## IFPRI BRIEF TEMPLATE

Check One:    **Project**                       **Review**                       **Collaboration**  
                    **Workshop**                       **Other Round Table**

<b>Descriptive Title</b>	Sampling Round Table
<b>Working Title<sup>1</sup></b>	How to start analysis by getting the right sample
<b>Technical Area<sup>2</sup></b>	Characterization
<b>Date</b>	June 18, 2021
<b>Short Description</b>	Discussion of sampling practices and their development
<b>Objectives</b>	Exchange precompetitive information on sampling practices
<b>Scope</b>	How to reassure yourself that your sampling procedure is appropriate?

<b>Recommended Contractors (2 or 3)</b>		
Name	Institution	Email Address

<b>Submitted By:</b>	
Name	Organization
Navin Venugopal	Corning
Jeff Bodycomb	HORIBA

Sampling is a critical topic for particle characterization. Any instrument will only report on the materials provided to the instrument. Alas, this topic as written is unlikely to interest academics.

This round table is to exchange information on sampling practices and answer the following questions:

- How to reassure yourself that your sampling procedure is appropriate?
- What particle properties are important: distribution width, segregation, flowability
- Exchange information on sampling technology (going beyond just rifflers)

Possible Topics:

- Stationary sample (e.g., truck, supersack)
- Flow system: (e.g., conveyer)
- Liquid suspensions under flow (e.g. pipe)
- Still liquid systems (e.g., drum)

<sup>1</sup> Title used in meeting agendas and file archives

<sup>2</sup> One or more from the following list: W = wet systems; D = dry systems; F = particle formation; SR = size reduction; M = modeling; SE = systems engineering