

1 MPI Hands-On; Sending and Receiving Messages III

1. **Synchronous sending.** MPI example [code6.c](#) using synchronous send. Modify the code and try to see what may cause to deadlock.
2. **Buffered sending.** MPI example [code7.c](#) using buffered send to pass a message between two processes.
3. **Non-blocking sending I.** MPI example [code8.c](#) using non-blocking send and receive to pass a message between two processes.
4. **Non-blocking sending II.** A simple MPI example [code9.c](#) using non-blocking send and receive. The sender process sends a message to all other processes. They receive the message and send an answer back.